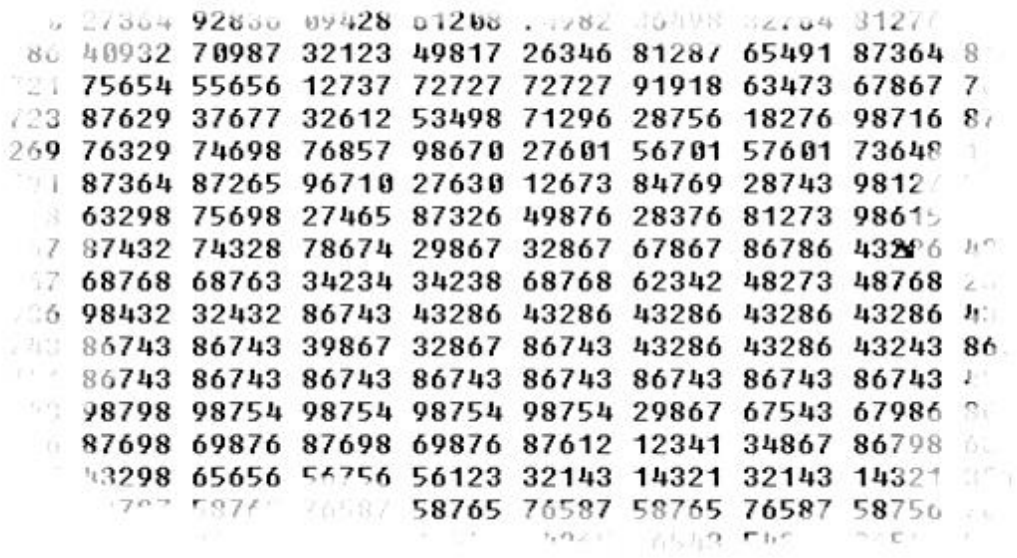


Numbers & Oddities
a.k.a. The Spooks Newsletter

Edition #274, July 2020

Editor: Ary Boender email: udxf@udxf.nl
Numbers & Oddities http://www.numbersoddities.nl

"Numbers & Oddities" a.k.a. the "Spooks Newsletter" is a newsletter for the members of the Utility DXers Forum (UDXF), the Spooks mailing list, HF Underground and everyone else who is interested in Numbers Stations.

"Numbers & Oddities" covers the fascinating world of Numbers Stations and other odd radio signals on shortwave.



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FOREWORD

Although numbers stations are an important part of my hobby, the other utility stations are just as important. The nice thing of utility radio listening is that there is so much to hear. Not only on LF, MW and HF but I also often listen to stations on VHF and UHF. I recently bought a RTL-SDR v3 + an active L-band patch antenna. This made it possible for me to expand my listening hobby to the L-band and I spent quite some time on that band in the past couple of weeks. Amazing how such a small radio and a tiny antenna can receive so much. I love it ☺

We have the usual monthly numbers stations review for you with lots of logs and transcripts. An unid station popped up with daily transmissions on 4735 kHz at 0700 UTC. It is possibly a Bulgarian military station.

Danix logged a bunch of E11 "121" transmissions.

M01b is probably gone. No transmissions were found for the 2nd month in a row.

HM01 is pretty dull these days. They repeated the groups and files from3 April throughout the month.

That's it from me. Thanks to the contributors. Keep your logs coming and be safe.

VOICE STATIONS

E06

13825 kHz, 02-07, 0500 UTC. Restart after the 5th group
679 234 51
57715 12091 72596 60539 64014 pause 07543 19927 99035 22 stops
679 (R2)
57715 12091 72596 60539 64014 07543 19927 99035 22912 21000
15163 84078 84097 34967 16107 95346 82112 08165 21423 37215
61176 18397 78700 11891 64556 28172 06309 15385 68181 71506
21191 41670 63182 85372 89813 06163 17039 34196 44445 95857
68032 00871 31951 82074 32690 42708 87300 56724 30896 35767
48965
234 51 00000

13825 kHz, 03-07, 0500 UTC
15615 kHz, 02-07/03-07, 0600 UTC
679 234 51
57715 12091 72596 60539 64014 07543 19927 99035 22912 21000
15163 84078 84097 34967 16107 95346 82112 08165 21423 37215
61176 18397 78700 11891 64556 28172 06309 15385 68181 71506
21191 41670 63182 85372 89813 06163 17039 34196 44445 95857
68032 00871 31951 82074 32690 42708 87300 56724 30896 35767
48965
234 51 00000

5731 kHz, 03-07, 2130 UTC
315 547 44
31532 37905 68553 78912 87443 94012 18514 01953 38414 13202
41945 23285 15802 65245 87462 78912 87463 94562 18912 84853
49067 42412 15464 75612 14352 34585 68553 23462 73459 41847
21250 10473 27624 17023 54332 81220 81244 41265 96183 74874
66753 78203 80329 38780
547 44 00000
315

13825 kHz, 16-07/17-07, 0500 UTC
15615 kHz, 16-07/17-07, 0600 UTC
679 408 51
27807 19350 47703 29186 92934 07054 48011 96999 49996 15431
70747 42581 75588 22745 58674 11946 35805 14523 89693 20943
16606 29129 73469 82127 76930 17108 16902 75873 23017 06487
19383 70409 27332 91223 83780 20471 40582 84981 54072 99253
70221 07431 15591 43350 23905 95248 18793 15372 41311 55022
12505
408 51 00000

5937 kHz, 16-07, 2030 UTC
724 268 44
56897 25468 25658 21598 32658 15785 25468 85498 23015 02468
02157 20179 11578 25678 25675 25684 23256 25452 31658 22871
15254 85758 02564 85450 78562 75679 20120 20235 92556 25987
25654 87835 70125 36465 02357 25468 89458 90201 87545 66584
89587 01201 25361 86974
268 44 00000

5735 kHz, 17-07, 2130 UTC
315 268 44
56897 25468 25658 21598 32658 15785 25468 85498 23015 02468
02157 20179 11578 25678 25675 25684 23256 25452 31658 22871
15254 85758 02564 85450 78562 75679 20120 20235 92556 25987
25654 87835 70125 36465 02357 25468 89458 90201 87545 66584
89587 01201 25361 86974
268 44 00000

E07

12223/11023/10123 kHz, 01-07/05-07, 1700/1730/1806 UTC
201 201 201 1 8026 257 8026 257
94788 60809 26385 52764 58885 68491 27294 07756 98428 93553
61836 22151 31335 50907 29330 32407 47169 97733 83168 13856
36322 26198 22436 62716 70989 59768 66130 58479 47632 37470
53007 43186 32620 28874 46469 62988 46913 59104 37578 19938
26377 94091 16322 08102 02004 64858 97971 68494 96889 67748
47410 51120 98812 76076 24112 34853 39161 25826 49208 05972
59404 30973 74577 75648 42712 61167 09484 72855 40157 60019
70084 30857 61251 60240 60542 74392 35767 95445 75361 46468
28092 21872 25334 21231 41340 72389 47687 85678 64338 46541
72025 42248 01653 76858 22650 27588 37564 81566 74747 13567
90169 25837 79980 10394 13642 35027 44581 33604 70508 27091
64644 61380 59228 81686 18093 17766 76062 03052 84419 09524
32200 27394 94163 78451 41017 44768 81728 52284 34643 21356
97777 80467 24165 60840 67952 39119 45519 17984 08583 02184
89030 90794 77580 59634 81390 15612 17058 08596 45672 21424
84635 66717 62723 86863 86091 61960 43752 08788 17530 46792
54156 34192 57659 65863 43484 16356 83578 44071 75879 60763
59535 17559 79353 11195 53386 03461 31291 52065 86740 65289
24739 39245 47728 69984 13084 17946 00996 82260 37947 45805
39460 26916 11767 93221 02348 27962 85055 77098 85254 76357
63011 75992 78895 79448 94862 63083 69171 79296 38091 59218
18878 96564 03446 39648 89219 91342 70484 44380 04885 48833
25556 82002 90199 73877 63524 43801 11515 65482 51856 73563
04091 58227 11356 72805 45634 00742 48545 78217 17718 13435
13841 20324 51294 50344 56924 14883 08428 30500 96625 53864
82960 69286 63242 91759 07024 55386 07610 000 000

13562/14862/16162 kHz, 02-07/04-07, 1410/1430/1450 UTC
441 441 441 1 196 65 196 65
73898 13245 49768 50513 01487 84561 52987 81447 13272 75951
78714 29655 82202 92293 73495 58673 61174 82875 03402 05477
18191 65495 93514 21932 73136 10526 75121 61940 15186 57358
76233 20717 10983 33992 34613 81874 74647 89401 40907 65432
79241 58194 82641 10293 48345 20722 07972 97009 48966 13783
41846 45642 63578 30894 27809 11430 95635 34429 69623 33168
45324 12548 37560 61355 81042 000 000

15962/17462/18542 kHz, 03-07, 0700/0720/0740 UTC
945 945 945 1 310 82 310 82
42059 40432 69789 17436 86920 25409 18907 65693 01081 22154
09690 99224 42091 98891 65362 91232 10000 94512 55895 67252
64441 59388 10684 94772 48547 26611 63828 14167 17560 95532
52069 60134 83371 49444 02891 89934 86441 28374 22931 32190
70129 79498 23556 11366 46929 56341 33059 78915 25905 99662
74956 74960 41977 36410 08995 53225 66375 00157 54197 35497
87810 67718 77373 95021 29651 96820 58507 14381 28487 30578
54704 02781 28176 86364 12600 12762 11823 58666 46293 35999
25220 95603 000 000

16263 kHz, 06-07, 1900 UTC
273 273 273 1 125 151 125 151
13011 29968 40511 67055 58210 36136 79263 80377 69993 69630
71684 14665 37780 12206 04461 81640 79219 36650 46516 96841
89642 93813 75882 40305 36427 85163 86606 78272 58764 66559
40634 66455 13224 59256 14399 20577 85225 16538 08931 36652
10511 06422 24096 50256 00238 46679 32627 99877 28726 04023
06118 13724 58665 09346 95334 17208 96399 84895 74023 96192
66808 17428 47127 94141 55215 93488 72518 37930 25839 23721
54349 98540 81959 40718 52625 32849 84987 78016 53990 07243
96109 96630 07447 87253 05520 67999 60425 21934 96567 73666
01588 00660 71764 16947 63999 16198 70643 51412 18376 40599
45717 01993 75599 78409 02651 34 stopped and restarted
273 273 273 1 (5x)
51412 18376 40599 45717 01993 75599 78498 02651 34794 43682
64857 15843 35554 11010 59239 05630 27337 55072 53477 24721
00395 35983 92658 01191 95917 58927 05353 47690 85531 80753
37730 87136 21161 75926 40127 34062 76230 07306 74034 32219
45641 33792 35063 50055 69694 49952 78341 40309 96745 05825
94747 61015 37645 11697 000 000

14763/13363 kHz, 06-07, 1925/1947 UTC
16263/14763/13363 kHz, 08-07, 1900/1920/1940 UTC
273 273 273 1 125 151 125 151
13011 29968 40511 67055 58210 36136 79263 80377 69993 69630
71684 14665 37780 12206 04461 81640 79219 36650 46516 96841
89642 93813 75882 40305 36427 85163 86606 78272 58764 66559
40634 66455 13224 59256 14399 20577 85225 16538 08931 36652
10511 06422 24096 50256 00238 46679 32627 99877 28726 04023
06118 13724 58665 09346 95334 17208 96399 84895 74023 96192
66808 17428 47127 94141 55215 93488 72518 37930 25839 23721
54349 98540 81959 40718 52625 32849 84987 78016 53990 07243
96109 96630 07447 87253 05520 67999 60425 21934 96567 73666
01588 00660 71764 16947 63999 16198 70643 51412 18376 40599
45717 01993 75599 78409 02651 34794 43682 64857 15843 35554
11010 59239 05630 27337 55072 53477 24721 00395 35983 92658
01191 95917 58927 05353 47690 85531 80753 37730 87136 21161
75926 40127 34062 76230 07306 74034 32219 45641 33792 35063
50055 69694 49952 78341 40309 96745 05825 94747 61015 37645
11697 000 000

19252/17452/16252 kHz, 07-07/10-07/14-07/17-07, 1100/1120/1140 UTC
242 242 242 1 2358 34 2358 34
54301 08157 33407 00792 45655 85463 99974 39397 48667 68621
77333 85374 04059 59803 03968 47149 95619 44538 96205 27242
59276 86175 75056 23901 30649 68738 17607 35979 23164 35625
43389 10771 62824 24334 000 000

15962/17462/18542 kHz, 14-07/17-07, 0700/0720/0740 UTC
945 945 945 1 1085 98 1085 98
02396 27858 30653 28130 14172 27630 79493 25208 72209 51547
44799 92016 56452 69976 97403 75784 86959 46442 95292 87900
90365 02725 56604 85510 80310 89883 54136 77203 40457 89643
95624 85157 41997 85448 39264 99409 17380 25726 66252 58164
66663 70323 68023 29678 55555 35741 25020 91577 93170 04226
22980 28160 14152 25566 27518 65784 87277 27168 57624 50282
19591 46609 83784 59869 62925 45040 57128 24973 28425 50385
39358 14908 27674 68798 60341 21324 91490 58173 27822 89335
21676 91618 32819 50939 76744 86080 11441 79748 37107 27663
91461 10453 79517 04161 52970 06197 10245 13950 000 000

12223/11023/10123 kHz, 08-07/12-07, 1700/1720/1740 UTC
201 201 201 1 1564 159 1564 159
74679 10835 19144 34952 36935 41465 05053 71898 18902 02001
55258 01628 86986 32947 01076 02651 25927 31839 54362 06280
82464 79270 78508 46251 59148 75813 08318 55268 16173 19399
32718 66968 88662 17971 89179 19470 08746 17558 89314 49974
69216 89329 77557 55099 21506 45826 80776 96847 91522 37203
39975 98388 41901 93730 32835 35357 46150 58466 96827 40290
12118 47217 65902 64836 33028 47955 57346 22856 38583 91701
10693 66938 91429 32866 22020 25601 22194 03490 81038 28629
17257 74444 74867 39619 52279 27401 53916 87510 04799 70494
24369 80246 17802 02100 72952 08416 05666 12818 15764 88992
82538 10168 41451 55926 13772 37675 69957 37344 46128 59861
13482 43892 32548 22687 18484 65446 11056 08655 65161 88851
01788 33543 15341 70169 71898 48500 07680 68933 70620 75647
52158 37626 48070 87004 88925 93723 17940 39212 73496 94077
21359 27211 51799 52571 84726 45558 72497 36677 78498 17521
69477 83925 97607 61711 97487 88529 18914 26893 11836 000 000

16263/14763/13363 kHz, 20-07/22-07, 1900/1920/1940 UTC
273 273 273 1 893 99 893 99
25295 16342 06132 97052 17201 25455 47477 54592 73467 22246
76965 77418 71698 07593 29031 80062 58789 79369 51303 40423
46136 57669 98900 82741 76369 78718 36602 40160 18094 71200
44616 55641 69598 63478 12330 27403 60933 84029 08733 47368
80633 95574 14574 75726 91444 31305 31154 81026 65910 72441
77976 59450 00157 84444 86901 71437 18242 83685 48307 36190
74750 28686 22832 20351 44281 89169 93625 29754 58417 66086
47031 74576 51352 67011 83258 37393 81883 84880 42748 66557
98987 28036 10614 21415 35256 15039 37996 88072 43675 04246
02500 00475 23605 99997 15738 71439 91771 66444 37542 0000 000

19252/17452/16252 kHz, 28-07/31-07, 1100/1120/1140 UTC
242 242 242 1 586 25 586 25
76710 75182 35778 32236 16989 84115 98242 01573 09846 58497
14267 81750 43353 54489 08164 04058 93543 58172 94941 56913
27255 88767 32482 13309 72087 000 000

13562/14862/16162 kHz, 30-07, 1410/1430/1450 UTC
441 441 441 1 534 35 534 35
44868 23061 30812 60063 17000 54716 68830 01678 81599 96256
41549 04099 69875 43140 07927 79925 65826 84985 85887 13275
71845 23703 29796 56839 75743 68045 00712 56629 69975 02907
79998 73440 34432 16894 92107 000 000

15962/17462/18542 kHz, 31-07, 0700/0720/0740 UTC
945 945 945 1 2706 84 2706 84
59639 50139 18264 14895 08189 35698 59592 12148 36100 43095
41967 39169 63170 44887 77169 16168 47972 44771 64799 93669
36482 83050 65850 77443 23203 32629 17183 92722 10814 55905
98802 22466 05704 08255 63888 59488 38798 19053 76902 52475
66322 73184 01848 92724 48142 47193 84842 22437 58230 88776
06049 39884 76759 89804 72054 47779 56074 56212 60344 63340
70331 83167 33182 13278 01120 48568 36158 57795 13574 44542
23397 29189 98339 76469 91990 98832 52519 77946 51652 55650
26631 76318 58974 03926 000 000

E07a

12166/10766/9266 kHz, 15-07/22-07, 2000/2020/2040 UTC
172 172 172 1 10906 527 95 527 95
70472 92912 32031 84223 84336 98993 98839 50658 08166 22641
11755 91095 66556 59198 30819 65383 55645 86549 54009 06415
43374 71277 00626 86606 67378 78563 68896 49436 68463 85230
73805 26769 09474 02994 47370 86557 95339 36722 20376 17238
82767 94018 98859 09670 03176 94819 27244 01836 48827 75191
28624 93924 73190 92687 76135 00331 78986 67811 37171 93752
78565 61832 00346 68145 30587 96837 03539 95662 68912 98342
08013 54461 59218 36727 97177 92019 61794 95475 30731 14335
00964 15634 81323 81086 30030 91256 78682 45371 11983 13574
36081 79915 79138 72552 30091 000 000

7933/9133/10233 kHz, 16-07/23-07, 0430/0450/0510 UTC
912 912 912 1 10906 527 95 527 95
70472 92912 32031 84223 84336 98993 98839 50658 08166 22641
11755 91095 66556 59198 30819 65383 55645 86549 54009 06415
43374 71277 00626 86606 67378 78563 68896 49436 68463 85230
73805 26769 09474 02994 47370 86557 95339 36722 20376 17238
82767 94018 98859 09670 03176 94819 27244 01836 48827 75191
28624 93924 73190 92687 76135 00331 78986 67811 37171 93752
78565 61832 00346 68145 30587 96837 03539 95662 68912 98342
08013 54461 59218 36727 97177 92019 61794 95475 30731 14335
00964 15634 81323 81086 30030 91256 78682 45371 11983 13574
36081 79915 79138 72552 30091 000 000

E11a

4909 kHz, 02-07/03-07, 0820 UTC
432/33 Attention
22841 77363 36480 18725 12622 48552 42256 08204 78563 61046
20659 29259 57700 52636 20191 22472 99935 44978 18527 52396
63686 02185 32734 52476 85848 07782 55304 57904 84733 03687
60165 83490 65312
Attention (message repeated) Out

12229 kHz, 03-07/05-07, 1650 UTC
920/34 Attention
85989 87904 38737 67489 30170 30251 12400 27862 79906 99141
34577 22409 72119 86933 71379 27807 70250 73023 37921 76368
24140 86826 19443 47403 34867 84127 66617 72990 22280 23737
26532 63331 31479 83902
Attention (message repeated) Out

5737 kHz, 04-07/05-07, 0805 UTC
315/34 Attention
51902 82823 71625 96756 53601 11338 26893 29955 49868 63268
94765 03332 91714 26806 65807 82284 47598 14219 18279 65761
10758 55165 03469 95032 93705 72699 86627 41352 12814 01306
89777 57595 24803 37067
Attention (message repeated) Out

5082 kHz, 04-07/05-07, 1930 UTC
364/32 Attention
55684 57281 66996 41930 93816 98498 20129 84813 73287 09380
69775 27166 76187 91690 92434 82785 79696 68003 83125 46238
36533 21803 63153 95028 51605 33965 39168 52171 25737 60440
36638 87256
Attention (message repeated) Out

7469 kHz, 06-07, 0450 UTC
8088 kHz, 09-07, 1730 UTC
415/31 Attention
85638 43160 15945 71595 31279 89460 20212 20937 11042 30606
10890 33515 97527 18920 75677 72449 84122 74195 32031 56396
72646 63104 02660 92123 79201 60278 99559 03713 63238 12247
13508
Attention (message repeated) Out

12202 kHz, 06-07, 0830 UTC
12202 kHz, 10-07, 0830 UTC. Stopped after one minute
181/37 Attention
94411 45004 44221 88454 33703 49019 64337 61729 90139 47774
82663 30697 04546 20563 60138 92819 79595 56974 22636 68719
85171 78227 01528 70346 60308 11770 43213 95414 80368 46871
67726 14670 33488 69928 73218 63578 24244
Attention (message repeated) Out

7449 kHz, 06-07/08-07, 0900 UTC
537/32 Attention
96089 75969 15881 53325 20255 12876 88355 80238 75776 42046
88636 42867 29165 29545 01266 13268 53975 09901 57132 43928
13489 12812 10061 01509 16345 43454 11641 77861 93083 54268
80576 74830
Attention (message repeated) Out

8545 kHz, 06-07, 1045 UTC
698/33 Attention
02562 80509 60827 70342 73002 47563 95969 70865 54521 00061
24472 62760 66342 97345 45034 27814 18005 20803 80159 07561
73472 49249 05308 55740 75268 68473 08574 57813 32941 52894
36679 29380 04169
Attention (message repeated) Out

7600 kHz, 06-07/09-07, 1900 UTC
649/31 Attention
19919 78330 02650 64618 38895 34574 40291 17387 40198 57251
71082 75760 93407 82765 47107 01808 44950 16880 44668 32319
69892 30484 72676 79749 55826 15661 73592 37534 01496 55337
61921
Attention (message repeated) Out

17378 kHz, 07-07/08-07, 0820 UTC
134/35 Attention
21331 31516 31137 96229 81869 62972 29552 85312 56171 26287
56248 48983 98620 62426 52319 47962 03809 52166 46579 49045
15570 19707 70062 60363 03539 09512 26194 97219 32387 87165
89063 65110 69661 19881 04028
Attention (message repeated) Out

12153 kHz, 07-07/09-07, 0845 UTC
157/36 Attention
72185 75114 61785 16287 21979 35261 64451 25639 65616 31900
91171 82974 68625 29653 79721 06100 62121 53823 05906 09660
08675 65125 47302 46143 91785 32154 32359 89387 21549 17865
62138 10810 17267 44598 58055 89793
Attention (message repeated) Out

8180 kHz, 07-07/10-04, 1000 UTC
304/30 Attention
71673 25592 43649 85654 18235 02459 89903 06836 86434 32736
80525 84466 31339 91923 59323 15161 71276 49706 05933 17068
52021 91646 36469 77157 83092 22306 12817 37388 32838 59152
Attention (message repeated) Out

12984 kHz, 07-07/11-07, 1345 UTC
911/37 Attention
49424 16316 57566 30896 01767 34001 97546 71598 30746 72602
93458 37915 27565 13815 53198 92096 22796 85460 76329 76587
71001 38816 56025 84008 32019 20444 84518 60657 14649 90306
21702 08675 77840 70505 03559 98558 24700
Attention (message repeated) Out

10429 kHz, 10-07, 0715 UTC
635/38 Attention
06000 26450 84826 39743 52008 02604 11124 76451 56740 80448
53108 65054 83303 37291 22912 42298 55168 59661 08154 14979
42114 58687 01948 82789 12189 84336 61504 40375 69999 55391
41543 03940 87507 83605 43443 16771 27616 98070
Attention (message repeated) Out

7863 kHz, 12-07, 1625 UTC
974/34 Attention
91750 09134 65852 34944 11521 06632 85935 14992 30501 25491
63940 09672 86079 86729 82011 65955 40002 93819 36713 39100
67007 52726 77489 03552 76553 03240 59637 46169 75661 30678
22214 04247 72241 37546
Attention (message repeated) Out

15800 kHz, 13-07/15-07, 0640 UTC
946/32 Attention
59786 11453 81020 99253 97415 70016 58534 87059 61510 93952
42281 11788 46784 43553 31501 23950 35868 18567 56630 58711
09185 22138 72932 71365 85774 08470 37791 72335 10543 21048
77126 42170
Attention (message repeated) Out

14575 kHz, 14-07/16-07, 1645 UTC
331/39 Attention
30741 01695 73968 53630 84818 02359 64487 12748 21799 61387
54749 65348 23700 51671 55676 89006 07064 90725 15161 38121
73383 07415 58655 21068 19285 61593 29674 93086 54343 10967
55226 92734 65067 50792 53537 42164 74104 87264 28584
Attention (message repeated) Out

6923 kHz, 15-07/16-07, 0930 UTC
271/34 Attention
44611 47992 54079 43873 38455 85812 32527 58055 29683 56431
65594 31384 57165 69512 30554 66377 07248 93416 82209 71574
51852 30391 58504 56131 19037 90019 77745 67379 77461 72589
93937 03914 70575 31321
Attention (message repeated) Out

4783 kHz, 15-07/18-07, 1705 UTC
393/32 Attention
48597 23105 12564 44739 00216 66693 56073 14090 16192 35362
46870 44312 86883 05265 30406 02308 19981 08002 94067 39796
35397 93673 89972 74038 74971 16544 24598 44741 61164 84944
02149 04836
Attention (message repeated) Out

6849 kHz, 17-07, 0435 USB
355/36 Attention
76172 50070 38579 46445 19481 85254 04931 98695 35078 55873
64225 64624 25699 67230 02419 79734 53269 59700 52796 26902
62963 49881 53193 71570 33444 32711 32718 89079 20735 08387
59988 24238 93128 61454 41661 56421
Attention (message repeated) Out

6304 kHz, 21-07, 1205 UTC
469/39 Attention
31918 35467 99873 27447 05235 53680 06808 02557 46641 82466
21344 50455 20950 20976 90040 31314 75592 60483 50264 04544
62485 91632 31551 47698 56079 56829 12091 20420 40949 31062
21972 86640 78228 92456 30833 33356 47978 61006 44302
Attention (message repeated) out

9610 kHz, 27-07, 0745 UTC
10356 kHz, 30-07, 1530 UTC
261/31 Attention
54577 46854 99709 40131 75761 36825 85874 98209 81697 61060
74667 01249 29497 88830 57780 69265 55871 74345 61414 36310
91645 94181 36537 34874 54742 32782 19376 62365 35191 00108
40960
Attention (message repeated) Out

E11 “121” logs

All logged by Danix

4146 kHz, 06-07, 2000 UTC
121/25 Attention
45230 25698 74521 02365 64879 01240 02365 87459 63254 10235
89653 22548 96301 47852 01456 98745 20012 36998 74521 01236
58745 36632 65840 12543 02542
Attention (message repeated) Out

5409 kHz, 14-07, 2015 UTC
121/25 Attention
20125 63987 54210 23658 96554 32565 54854 89481 51205 14161
65161 64161 65165 15610 22588 96321 02155 63201 56897 41203
26598 74523 02158 96632 01254
Attention (message repeated) Out

5779 kHz, 14-07, 2120 UTC
121/25 Attention
20125 96354 87520 13698 54210 32658 97410 02369 88562 30124
57896 52302 35669 85412 01247 88569 32012 45698 75268 52301
24589 63012 47885 00124 59861
Attention (message repeated) Out

4624 kHz, 15-07, 2010 UTC
121/30 Attention
11321 46554 79897 15963 25794 39628 56987 52360 97854 62587
32106 98203 26647 93012 58796 13257 71265 98735 41124 65875
62332 11478 95297 85643 21669 96526 01508 00658 97852 36598
Attention (message repeated) Out

4242 kHz, 15-07, 2105 UTC
121/30 Attention
78965 32546 12236 54987 65323 36598 74002 55698 77565 11597
53054 65749 84151 32465 67851 12351 54687 83512 58736 94302
55884 02155 85952 65298 41234 50555 46851 45212 68741 21212
Attention (message repeated) Out

4146 kHz, 19-07, 1800 UTC
121/25 Attention
97889 70897 68757 58689 78656 74543 56342 53568 75696 75443
72425 46787 58987 64554 24253 56764 56374 52356 45533 54645
42325 45343 65577 57543 35443
Attention (message repeated) Out

4441 kHz, 19-07, 1820 UTC
121/25 Attention
56376 84745 71454 56527 14597 14829 71982 71928 14759 17492
15745 94192 54192 41251 27162 54192 45219 24155 27165 27524
15241 52415 48545 27442 74454
Attention (message repeated) Out

14940 kHz, 23-07, 0745 UTC
225/36 Attention
53743 53729 36474 32054 72441 67552 31766 98491 96928 38178
76737 07184 23202 87782 90590 65669 37540 46019 96686 97789
76524 52671 75947 19761 78282 82990 33857 71364 89210 56679
79639 97724 69604 05768 14579 09294
Attention (message repeated) Out

8680 kHz, 24-07, 0700 UTC
577/32 Attention
00607 28587 53855 28103 89553 11393 83264 48125 87475 86347
14719 07699 06557 52673 61388 72769 49583 24534 59994 21661
30490 41329 33080 50580 13093 59905 98078 35164 71388 09742
85219 88630
Attention (message repeated) Out

6480 kHz, 25-07/26-07, 0710 UTC
495/37 Attention
00126 01962 29642 50405 12812 41426 19106 25817 63212 65938
80098 83450 40784 64354 46761 80048 49039 07457 20714 80872
57992 94764 76632 87207 68892 90748 45917 99332 68879 08522
21598 68194 46495 09132 96228 39707 31774
Attention (message repeated) Out

5409 kHz, 27-07/31-07, 1530 UTC
528/37 Attention
16044 49585 61998 70576 15790 34320 34713 67471 30775 77825
42608 38762 51165 12543 51152 77387 78747 78709 72682 38730
77956 90443 00902 85366 05524 18388 83807 75854 94871 57819
27147 34003 47206 63208 65318 49168 20124
Attention (message repeated) Out

15720 kHz, 29-07/31-07, 0745 UTC
347/33 Attention
59192 59192 22475 42370 19378 85013 50824 59293 98339 70223
81137 58485 22544 89361 74439 38227 99959 17348 21655 89203
32398 13768 39763 84161 36161 76075 73033 07392 18235 23831
90360 25423 10610
Attention (message repeated) Out

13424 kHz, 30-07, 0645 UTC
510/31 Attention
11498 88529 61361 06527 10310 04091 34901 16888 63635 47890
26979 85300 23117 77055 20668 55665 82289 89854 21115 53431
84008 70883 15745 31150 03349 53273 45145 16477 12448 34258
13920
Attention (message repeated) Out

10429 kHz, 31-07, 0715 UTC
638/49 Attention
37700 45722 71152 25061 09750 13713 59589 74389 18971 04067
98537 15119 11920 08859 04621 73749 93819 70378 44487 55362
77717 21416 82920 20215 14590 01170 56370 30084 23123 38131
08587 11987 36427 53328 24808 24362 50352 49023 02872 07773
91935 68376 97115 72028 41565 53815 15351 37072 83852
Attention (message repeated) Out

E17z

16780/12850, 02-07/09-07, 0800/0810 UTC
217 948 5 18430 37111 31716 74483 43472 948 5 00000

16780/12850, 16-07/23-07, 0800/0810 UTC
217 530 6 99623 56098 43099 74537 57440 10597 530 6 00000

16780/12850, 30-07, 0800/0810 UTC
217 217 217 00000

G06

6887 kHz, 09-07, 1741 UTC	111 111 111 000
6887 kHz, 09-07, 1743 UTC	111 111 111 000
6887 kHz, 09-07, 1819 UTC	111 111 111 000

6887 kHz, 09-07, 1830 UTC
842 329 42
75325 89358 44298 19858 45947 72356 12565 35246 18596 45987
63526 89458 12564 75056 22356 89545 15698 26845 95876 23536
63322 78958 01250 42540 77356 75869 85965 25437 99870 23568
21025 14525 85745 78512 95861 10212 74025 96588 85465 98545
32526 95685
329 42 0000

5951 kHz, 10-07, 1930 UTC
218 329 42
75325 89358 44298 19858 45947 72356 12565 35246 18596 45987
63526 89458 12564 75056 22356 89545 15698 26845 95876 23536
63322 78958 01250 42540 77356 75869 85965 25437 99870 23568
21025 14525 85745 78512 95861 10212 74025 96588 85465 98545
32526 95685
329 42 0000
Windows XP error sound

6887 kHz, 23-07, 1830 UTC
842 682 45
55478 65235 64582 11468 98254 14544 77125 62545 12853 75845
22354 42542 71397 77842 85154 21546 45255 47201 00357 85443
25425 55471 84575 85445 65851 01958 23045 47013 85012 77396
45220 88754 15245 47584 55421 01218 88547 00124 78457 85465
52422 01797 46885 02454 24110
682 45 00000

5933 kHz, 24-07, 1930 UTC
218 682 45
55478 65235 64582 11468 98254 14544 77125 62545 12853 75845
22354 42542 71397 77842 85154 21546 45255 47201 00357 85443
25425 55471 84575 85445 65851 01958 23045 47013 85012 77396
45220 88754 15245 47584 55421 01218 88547 00124 78457 85465
52422 01797 46885 02454 24110
682 45 00000
Windows XP shut down sound

S06c

14617 kHz, 02-07, 0700 UTC 14617 (R)

S06s

10290 kHz, 10-07, 0830 UTC Carrier only
9655 kHz, 10-07, 0840 UTC 156 843 7 88720 58693 61733 74537 10597 23521 37660 843 7 00000

16320/14875 kHz, 20-07/27-07, 0630/0640 UTC Recording
462 513 5 11171 22536 88280 84116 53718 42227 59354 513 5 00000 (group count error)

S11a

9339 kHz, 06-07/09-07, 0700 UTC
477/37 Vnimaniye
45836 02869 49868 14027 18551 64941 67634 80445 84718 45118
67681 41542 95532 90492 71762 34259 77152 75749 71739 60702
11155 32313 29988 59650 89898 36046 82087 75427 99946 73291
85709 32042 35102 98679 86262 61879 56712
Vnimaniye (message repeated) Konets

6977 kHz, 07-07/10-07, 1020 UTC
426/37 Vnimaniye
18688 37281 58737 75397 35544 50322 98215 51193 24011 97066
78879 01085 91077 77050 19907 85272 41595 69505 36610 52992
89806 73068 66536 93536 10079 10186 30031 87231 94310 73250
10208 81269 03744 29046 01091 83234 02584
Vnimaniye (message repeated) Konets

12457 kHz, 08-07/11-05, 1850 UTC
282/40 Vnimaniye
70082 62232 44359 72546 82406 22507 95773 32448 86982 32547
65997 71141 04088 63017 40522 80257 87496 57405 93234 66238
78005 32912 13834 81173 03702 91308 71352 20339 08085 27855
45374 12747 07711 30337 55542 91075 01953 71104 43597 08138
Vnimaniye (message repeated) Konets

13537 kHz, 13-07/15-07, 0510 UTC
654/36 Vnimaniye
32034 03191 28948 84667 94102 00474 46813 16281 55409 03061
67632 46076 29403 18366 86106 21709 66117 89211 22538 82569
47517 82914 19664 48274 13519 69749 81805 19217 05961 29515
08213 71246 62478 09485 12381 34083
Vnimaniye (message repeated) Konets

15720 kHz, 13-07/15-07, 0715 UTC
383/31 Vnimaniye
04954 40528 15004 73136 28868 30234 79893 48312 07197 44664
47433 79892 24979 01713 78564 37983 34990 03564 70684 07743
51983 56108 29756 19647 17144 37215 42674 67518 90214 71195
28592
Vnimaniye (message repeated) Konets

5149 kHz, 24-07, 1135 UTC
373/40 Vnimaniye
83740 82572 59609 65392 16170 44856 54952 29928 64853 94192
91887 32025 16940 51490 72364 34589 62344 33100 55923 78878
15329 77386 36858 31443 69092 01729 74144 40892 11692 16562
45752 63303 75652 65172 32886 35271 42202 86437 89052 76591
Vnimaniye (message repeated) Konets

5082 kHz, 27-07/31-07, 0915 UTC
480/35 Vnimaniye
58835 29556 20460 49166 74223 57226 39232 91310 67026 40823
85597 68711 49934 41551 74257 50281 23159 95316 80529 67086
37210 91466 92636 47627 28155 06962 59544 83497 25972 81685
84622 45495 79694 59803 47777
Vnimaniye (message repeated) Konets

V07

The only Russian schedule in Spanish that still has a regular schedule.
All logged by Daniel LU5EMM

13521 kHz, 04-07, 0300 UTC
514 514 514 1 577 68 577 68
70513 71673 11614 08041 34999 34328 67444 51093 73338 89105
70561 54983 14097 76897 95461 07665 33869 44272 71658 96041
74599 92124 27135 58440 91570 38456 78521 56851 09309 26989
44879 64793 52386 80816 49620 40939 40251 07857 43681 85554
23538 58140 55901 01347 37037 34650 21899 19972 51865 40731
40647 38866 62463 27902 67158 20502 65491 17321 08076 95975
92451 81280 31811 04128 82069 38310 47138 36162 000 000

13521 kHz, 12-07, 0300 UTC
514 514 514 1 7037 120 7037 120
72417 32659 26468 79421 23133 10062 54197 88483 14775 66006
33326 68554 85645 37235 21209 05436 24314 70586 82223 08761
56940 44845 94773 27269 92154 51148 59278 70357 58162 01358
35941 27219 39244 25286 63893 79238 60300 56065 03283 11770
96300 43703 21764 10863 07606 41649 88503 15412 99411 05097
99284 40225 48008 32883 24728 82444 75014 35818 69133 96145
66756 20776 95356 12059 27326 82099 06369 41349 65998 16600
62630 66762 38190 66711 24046 13109 69800 57082 88579 88392
73488 82865 12822 56794 13703 46163 18612 18864 72934 05653
91995 61918 14125 75793 45524 09367 05639 86751 38761 02258
96745 27623 20460 41283 93208 01722 71416 23707 99562 97887
79115 30073 99824 09086 63715 94535 70842 48079 15075 00414
000 000

13521 kHz, 19-07, 0300 UTC
514 514 514 1 745 128 745 128
21184 67768 13145 08834 08808 59462 44341 96067 48355 67435
68072 49686 19970 98186 40136 59599 47529 17712 09744 39750
29941 71896 02978 75597 14688 29205 10700 06506 74741 89269
36130 15666 94267 37886 51645 31297 31367 27103 07674 37009
92955 87358 85367 04035 51569 29838 59090 69410 28794 87941
37135 66401 95115 13915 74379 97996 22126 44411 32557 86607
36226 13316 23393 10173 56657 29858 70037 13063 17813 45394
71042 29131 53660 01844 29761 32532 42603 64826 17078 79460
03751 21073 52100 39703 03701 32953 70181 64109 45885 62434
08084 42602 45059 28217 01097 89960 84991 97079 14408 08004
16285 33536 57034 89714 92071 29239 57286 23591 56600 31349
34334 79770 00326 39832 74141 30713 72740 45114 46009 96164
04842 47305 78188 92280 25805 56775 21331 96979 000 000

13521 kHz, 26-07, 0300 UTC
514 514 514 1 5680 122 5680 122
23621 84752 57988 21583 68121 29627 59836 60899 10694 95816
76024 43114 95989 22383 98965 13751 25148 66302 93915 68658
18124 06609 36008 85616 75537 10088 65469 23116 22308 72406
72971 36690 72788 10348 15675 71260 13323 09415 78694 55934
09960 19267 89600 07567 61017 89599 35570 93384 47124 85807
02073 69400 60573 00339 80662 81812 74662 43183 88562 77756
44434 23711 66725 22791 04401 13011 46755 66194 22449 81975
99081 09188 24634 90296 92903 14216 45803 90637 65715 90637
34101 49284 07567 60831 84646 35133 20366 67250 38660 03098
58981 63576 82510 62827 96240 67877 23508 38186 18344 55602
32704 67363 65525 81511 51470 26570 22319 96179 53528 33581
75006 37742 72588 33107 73188 18370 31963 51716 06197 51033
87308 27729 000 000

V13 - New Star Broadcasting Station (星廣播電台 Xīngxīng guǎngbò diàntái)

New Star Broadcasting. Oriental flute tune followed by a message in Chinese

13444 kHz, 01-07, 0614 UTC, i.p.
9276 kHz, 08-07, 0200 UTC
7502 kHz, 08-07, 0300 UTC
9276 kHz, 09-07, 1201 UTC
15890 kHz, 09-07, 1201 UTC
9276 kHz, 11-07, 1201 UTC
15890 kHz, 11-07, 1201 UTC
9276 kHz, 16-07, 1200 UTC
15890 kHz, 16-07, 1200 UTC
7502 kHz, 17-07, 1301 UTC
13974 kHz, 17-07, 1300 UTC
15890 kHz, 24-07, 1201 UTC
15890 kHz, 25-07, 1200 UTC
15890 kHz, 31-07, 1200 UTC

MORSE STATIONS

M01

6435 kHz, 04-07, 1500 UTC. Different repeats in red
025 719 719 30 30 = =
05873 54953 98761 36693 32608 25121 50476 40540 38138 51578
91498 90870 45830 28305 50554 06698 83634 94060 25322 26322 83053
48041 43099 75077 60002 01699 68876 38284 03604 32923 91582
= = 719 719 30 30 000

6780 kHz, 05-07, 0700 UTC
025 517 517 30 30 = =
38922 61118 39839 10678 62728 47283 01873 52325 24212 97423
21802 68794 41143 26053 56734 06749 59321 49928 68497 85770
89848 27976 47268 99926 56418 48404 83413 31005 13039 68035
= = 517 517 30 30 000

6435 kHz, 11-07, 1500 UTC
025 347 347 30 30 = =
12033 22091 69242 81329 80327 90333 60377 23498 77399 42141
57045 83576 52706 38748 52127 37411 60550 665 BK 23 60 513
78082 05706 96922 15254 33809 47066 47292 98747 93800 90162
66477 25654
= = 347 347 30 30 000

6780 kHz, 12-07, 0700 UTC. Sent 29 groups vs the announced 30. Different repeat in red.
025 817 817 30 30 = =
08203 03203 48220 22258 53211 35135 44910 22853 06995 89432 63015
72417 91524 29290 34049 86383 82392 35592 71750 78974 04578
58234 84432 54117 14589 42866 84112 65097 02047 40710
= = 817 817 30 30 000

5280 kHz, 14-07, 1800 UTC
025 187 187 30 30 = =
68565 28059 47478 18606 56881 03179 97919 37168 76107 64718
46338 81884 79024 43088 15016 18286 17174 02779 57964 35371
64105 41105 01926 28322 62435 55770 21978 48615 95817 31534
= = 187 187 30 30 000

4905 kHz, 14-07, 2000 UTC
025 261 261 30 30 = =
79858 57729 34880 81478 23222 95551 20138 44845 95430 00457
81767 72123 87924 04928 12954 44778 10018 68096 09601 03114
64916 55740 68486 04462 70615 15589 84120 65275 11757 45359
= = 261 261 30 30 000

5280 kHz, 16-07, 1800 UTC
025 332 332 30 30 = =
02969 88411 71903 75900 49311 56416 18190 84271 39451 41662
07637 46796 34790 90362 14058 68113 72795 88382 96581 35046
84383 85379 06191 87500 53736 46825 96413 54881 27966 02607
= = 332 332 30 30 000

4905 kHz, 16-07, 2000 UTC. Different repeat in red
025 795 795 30 30 = =
46470 79284 32479 79311 27283 90401 99009 62535 42057 45189
85768 01259 74912 21904 86858 27059 50816 18055 43406 22370
99236 62757 17370 09620 74076 94987 45955 75339 16583 28210 28320
= = 795 795 30 30 000

6435 kHz, 18-07, 1500 UTC
025 191 191 30 30 = =
07484 37370 16542 62897 37130 68453 57233 00722 08863 00528
35397 71534 42780 90491 01099 29942 44938 64784 91812 22037
18719 36323 69500 92552 74266 66544 84279 31663 28116 93970
= = 191 191 30 30 000

5280 kHz, 21-07, 1800 UTC
025 097 097 30 30 = =
77250 62606 73491 28680 90346 15443 57471 99600 46004 12377
73492 36744 63582 66963 93748 71002 73555 42692 11756 87350
76004 36810 17662 55035 71880 40021 48838 44725 30263 44285
= = 097 097 30 30 000

5280 kHz, 23-07, 1800 UTC. Different repeat in red
025 833 833 = 30 30 = =
72219 39079 15455 23636 91385 77473 53249 50289 23632 07674
82347 91700 84117 84567 684576 24193 29491 53725 94635 20688 38379
58826 75025 03754 10088 85357 70355 78741 72825 44479 28372
= = 833 833 = 30 30 000

6435 kHz, 25-07, 1500 UTC. Errors and different repeats in red
025 999 999 30 30 = =
94726 00127 73964 27759 92334 22484 92757 00436 20456 38868
90427 66019 603 (9 sec pause) 18396 37481 45335 76958 80602 77562 96992 (1x) 96995
27653 94874 45309 09306 16759 91494 63885 79590 67717 83596
= = 999 999 30 30 000

6780 kHz, 26-07, 0700 UTC
025 787 787 30 30 = =
05814 86527 11339 19171 88410 31410 90826 23442 16104 47721
54591 68360 47461 61421 37338 90500 54639 56127 36980 87297
40686 51418 48438 19317 17503 98557 50328 25279 70360 13400
787 787 30 30 = 000

5280 kHz, 30-07, 1800 UTC
025 197 197 30 30 = =
92684 36715 86166 18710 32335 35015 11561 57789 34885 83866
27512 64891 45194 30481 35316 87769 14660 19572 44733 92684
67382 27315 80949 65691 39080 00256 19272 32696 81929 80077
= = 197 197 30 30 000

4509 kHz, 30-07, 2000 UTC
025 273 273 30 30 = =
88868 95858 09783 04183 99438 71521 95655 36688 74093 76995
47528 11578 52786 21159 02571 80371 80925 92124 81472 93314
67683 19417 09548 47172 38939 26546 76823 83012 88906 84488
= = 273 273 30 30 000

M01a

9051 kHz, 07-07, 0540 UTC
809 809 809 67267 67267

M01b

Again no transmissions heard. Probably gone

M12

13423/12123/11523 kHz, 01-07/03-07/08-07/10-07, 1210/1230/1250 UTC
415 415 415 1 3202 109 3202 109
96554 78314 45109 33755 15390 42928 83234 66808 05160 26761
42984 59891 40885 41894 44030 29889 32222 15360 74674 29106
31958 05482 09347 44742 75750 70466 89443 65157 32828 28329
46663 74949 42543 92341 31791 68269 21119 35620 39378 51137
80328 82305 67143 51954 24054 25282 85316 20235 47092 07026
22067 83926 29975 12275 94879 17512 26081 01243 30189 88711
67244 04623 07143 89668 21229 54513 88744 00401 36929 55046
94566 76672 23507 01761 49494 23965 61456 35152 47731 85569
03269 32418 23325 95194 43088 30698 85606 51308 87505 24497
00899 83227 11333 25951 08259 14325 78486 09223 92042 02344
48834 08387 34175 15378 40279 49200 59515 38655 37052 000 000

13979/13379/12179 kHz, 01-07/05-07, 1600/1620/1640 UTC
931 931 931 1 689 101 689 101
44891 86303 79160 78928 84545 68498 69810 94133 11189 20064
60171 50140 98717 68191 63578 08746 08925 55215 00724 19177
88616 50086 23957 57802 73142 78708 48270 43522 28913 35659
94969 79717 79879 82315 85283 75376 45527 37717 84189 53734
45455 58047 16793 58401 99123 51524 62552 05364 17836 54642
14012 44948 08064 68919 03141 69005 08268 12181 14727 37893
27350 34321 23155 73745 42375 80312 54295 47513 51544 66637
33476 93322 70701 79079 54903 77017 92425 64916 30654 92675
91031 56150 90163 05134 20912 10029 98365 73799 29072 85096
93012 99088 93748 13664 35135 13916 38539 44660 70652 10157
76802 000 000

12162/11566/10711 kHz, 01-07, 1710/1730/1750 UTC
546 546 546 1 3056 109 3056 109
74665 20527 38516 12250 18422 75725 90255 35600 41900 28346
97024 89438 73277 35062 56145 09410 92265 20906 41223 18127
67620 35573 95238 41625 26907 43813 17144 16952 64167 98948
02974 97546 97432 13897 71099 84328 54423 98494 30492 99746
50061 82986 44260 42203 38943 77060 87862 54714 68629 97898
67602 71534 11388 76634 04166 51644 99083 10745 48472 54842
21448 26047 54194 20456 78180 10431 03121 74600 50369 97420
40375 49637 21627 22886 74441 65581 35137 90476 77237 33097
69652 96858 94823 70357 18119 01068 34504 48607 31887 39990
20425 87562 85265 48789 84383 09245 11166 29345 63978 89132
41101 87685 84101 63502 45232 54594 18911 90147 53597 000 000

10807/10207/9207 kHz, 02-07, 0700/0720/0740 UTC
822 822 822 1 8239 24 8239 24
07675 58985 38736 84580 14451 69778 71324 99110 97577 51116
02712 70051 46179 77692 01066 71920 08556 23501 71807 23644
57816 95647 74374 27746 000 000

12162/11566/10711 kHz, 02-07, 1700/1720/1740 UTC
546 546 546 1 2870 109 2870 109
10442 55735 14968 21865 24409 41988 88447 69931 16806 23445
90133 76358 46957 39592 31453 65436 17429 77019 95457 56223
37532 75597 12987 61769 59392 77988 92103 32102 11048 76680
49627 44504 96717 81953 39748 48914 11073 06829 86152 43869
67147 42243 54453 86986 22655 68213 09218 49509 83493 32613
84006 30590 69002 62269 80988 97621 42085 68254 34603 82466
19924 85217 53286 39256 70715 44859 63059 42837 16078 92749
99899 02760 36620 23681 01885 00926 16460 64068 15133 40766
55928 81049 02408 71013 73099 59450 02250 57172 54678 80145
39639 25923 86538 80802 09398 36211 58097 06967 07943 88289
81114 36646 52717 06668 20222 20859 44412 36843 39491 000 000

12162/11566/10711 kHz, 02-07, 1800/1820/1840 UTC
546 546 546 1 5421 108 5421 108
78067 58738 14345 86084 73246 10222 98455 78044 73018 66510
04807 46696 45419 39898 05637 32060 45111 49470 12170 18824
68630 58424 15981 94304 35187 84835 54814 58716 55139 52260
75871 07761 00068 77845 07148 73881 62128 05194 81095 54442
83709 03483 69945 88788 16897 96283 38463 24128 61267 92637
66651 24730 30550 85203 37501 03227 70816 62851 76724 65669
49503 91530 81553 32483 56795 69265 47633 84877 46443 51190
31723 71547 99976 15124 93618 91369 48361 29495 68307 57771
09940 05534 68952 15263 11268 09642 14548 58851 73059 79876
04049 97360 08102 13467 27646 80660 01882 63049 75251 82927
45193 27671 80669 80386 82970 75137 61485 59940 000 000

14377/13461/12114 kHz, 02-07, 2000/2020/2040 UTC
317 317 317 1 9749 104 9749 104
56763 04251 53236 12587 31908 78205 11106 18230 60894 22715
51899 46675 21100 42174 29270 22065 51159 92101 52487 58890
90962 59086 26920 10500 10169 95405 43056 41523 01338 92276
52898 99363 05032 85466 95360 06770 72639 15166 47893 40009
38617 09288 22665 79731 34792 16326 96676 86559 12284 11135
53696 80795 35928 56907 13140 02950 05070 60717 79695 53998
52163 11285 61185 75122 59729 27184 73964 84339 57861 67748
92772 64860 39348 32536 31726 70113 50704 56238 35736 64378
32374 84405 53734 21393 69152 74450 36339 37956 01282 07373
40441 41746 39891 89442 52722 57222 01726 22814 29493 12274
02958 13125 78526 22638 000 000

12217/10817/9317 kHz, 02-07, 2000/2020/2040 UTC
617 617 617 1 513 93 513 93
29968 58077 14394 79346 95497 26308 23679 36877 44327 04287
83035 89379 24703 83245 95954 88906 90318 39817 64657 91304
89559 60613 59448 52427 33785 42438 35890 64467 57859 34726
76183 50782 69217 96208 06657 63987 03507 63248 03487 03099
10570 05514 35486 26600 31744 14410 72004 89306 85525 20465
75917 35202 85508 41512 59659 01320 72160 81579 30572 07576
30276 63106 45162 48758 18405 89624 03219 15598 40203 38940
87535 07186 51027 91089 74111 84059 92567 82781 73165 21320
64000 09260 37149 53964 96246 43691 09518 99484 78131 33456
20929 59457 95626 000 000

15881/14781/13481 kHz, 03-07, 0210/0230/0250 UTC
874 874 874 1 9293 126 9293 126
35220 41256 55278 35661 57090 52943 95367 79727 35095 06426
30669 21126 65413 68812 85092 43609 78298 84847 49310 82883
90770 84044 67488 08724 75426 90413 40944 70762 00788 18934
85170 40856 37924 20082 22211 34289 17486 52398 52667 02629
92458 90022 35322 92138 80969 40010 08414 24631 55375 77480
96912 03288 96497 22087 01268 28609 67328 42112 09515 23761
88718 98105 33320 67851 25829 21631 96164 94784 58262 62102
20965 34708 22628 96375 37634 82158 80846 21149 97159 08004
44478 24295 49986 62307 01270 50027 02757 36728 54165 68383
28072 43853 54537 93796 88940 12967 93116 74097 31223 69015
75166 19147 96023 87945 51845 49749 76860 89946 66869 75774
96438 96706 46945 13428 15040 54630 95143 91755 94682 15066
16851 46011 62887 60540 47957 23852 000 000

10767/10167/9217 kHz, 03-07/04-07/10-07/11-07, 2100/2120/2140 UTC
712 712 712 1 871 110 871 110
49654 36412 32842 62226 21083 16591 39542 69529 75377 31203
01014 80219 35510 05990 29540 42685 46735 18072 98621 39660
62159 21572 09933 99667 90628 43906 56421 37830 33667 85203
50262 26250 21367 22605 42832 01725 97935 12344 38653 72158
90412 31047 38993 86360 85768 16601 34203 01076 41162 62543
79033 80823 83349 82908 43711 72354 00733 57520 10710 80696
44991 02813 23668 62453 56539 66220 23547 48430 08263 06262
69052 36402 31885 92389 81322 37439 86350 94033 58311 61979
79844 47957 91046 11502 25577 39693 25621 49779 55770 71567
24861 25637 03690 71036 56598 99590 66440 87761 13890 80084
21800 83498 31904 85836 55651 28060 03007 32991 78853 15829
000 000

9284/8084/7584 kHz, 04-07, 2210/2230/2250 UTC
295 295 295 1 1187 126 1187 126
20411 29110 72712 35991 41653 80156 27099 19719 49903 24423
15809 23117 39113 03805 42180 63902 49496 49107 99762 73360
67512 33589 59165 58080 83437 22201 03879 23036 31675 99736
05278 92478 36546 76492 26358 67272 55326 49752 51572 84931
27033 81978 56565 40661 02600 27254 36422 14702 72863 40284
09898 13247 73656 05136 85768 38510 54284 39488 21040 70710
46551 29901 14189 74547 52844 85582 90496 41664 76443 26716
46022 16349 63445 74802 00271 92125 81945 52868 98621 22355
42279 08503 20065 03452 29073 27461 23463 27808 89176 95093
62325 93487 23182 92325 90925 60869 25824 23083 85650 10341
96311 21725 05117 12631 87806 00235 50739 43117 98493 68376
78601 38043 37984 55023 07395 01916 24922 89264 33738 66444
27510 71938 18936 65676 36992 10658 000 000

12217/10817/9317 kHz, 06-07/09-07, 2000/2020/2040 UTC
317 317 317 1 4060 92 4060 92
63230 06029 36392 96676 77654 20590 72272 64810 61549 31472
97380 96545 56185 92794 65832 05450 63358 39591 55554 05175
22054 39537 27881 28027 58348 41730 41331 16390 10003 24678
67043 86060 94798 32978 70658 19169 14225 71850 36739 25416
81883 47043 90642 07294 91642 79222 43524 96039 09277 09768
54066 22224 95432 70730 17198 05244 78834 55462 86602 15010
31398 25573 62518 86946 83116 50835 03620 57826 05869 31606
41774 22029 91783 55389 04312 07111 17414 75744 16494 00950
90190 30981 97762 98569 57491 90677 46145 15917 53528 90769
46832 29367 000 000

15881/14781/13481 kHz, 06-07, 0210/0230/0250 UTC
874 874 874 1 8350 168 8350 168
91765 18417 11034 49709 73013 11341 74877 44542 99319 57862
02134 16351 06367 44462 32331 47430 24207 17900 95851 76017
11816 07042 25839 18882 18355 59556 66900 58760 23851 21475
24461 93353 84933 46001 96177 08839 06688 16628 34096 42873
15029 79997 77656 21203 53857 62801 09383 25972 09655 15549
64660 02841 93859 74473 28842 79128 91651 18459 02014 22404
61133 56719 63237 80778 62812 36525 77213 27315 06673 39159
47108 75095 71472 23406 38738 81044 76904 49239 26206 93536
55300 17630 27608 72754 23089 40387 14413 04295 32203 46009
79568 39457 51937 54934 40123 79327 72660 89941 90389 33372
76000 76149 76186 96783 94499 89886 92887 47428 42984 06911
98740 44329 37228 14466 79311 93814 21735 16769 26276 09320
57928 21150 91283 95706 22727 36585 76791 82868 29016 79097
33782 34990 61150 67558 52834 65364 16786 20425 25204 96944
05246 49781 16352 08981 67659 07639 25613 96088 56666 83698
68293 26009 90519 03000 34757 51929 94308 17965 22945 21076
63584 68009 98652 62622 03474 08668 79772 75294 000 000

10172/10972/11572 kHz, 07-07/12-07, 0500/0520/0540 UTC
195 195 195 1 568 85 568 85
32591 17094 08730 81901 10648 71634 46201 94838 81281 24756
32410 86821 77355 25124 25177 63455 64938 48978 13516 19349
67077 16557 41323 44453 23641 23762 56716 90295 06023 22035
41084 98057 39612 52714 06044 88438 58635 09503 05928 31625
81166 14652 45348 21070 74484 84535 42869 99091 61079 87455
59639 31737 45069 16697 04474 56627 15672 07862 33674 80618
44311 66587 87157 70063 11351 44404 63948 85055 77695 85488
63839 67171 65867 77855 97613 44237 35421 41231 30977 28116
30995 56441 97798 91679 27117 000 000

9317/10484/11552 kHz, 07-07, 0530/0550/0610 UTC
135 135 135 1 3340 113 3340 113
18291 21422 41281 77392 01762 12709 95186 19249 41163 75493
70818 91560 93422 90320 75808 80035 58861 86906 03639 07833
62295 22839 90204 15703 30359 48407 11798 35919 68607 90598
59790 69791 37857 73321 65617 43270 33522 24781 48096 99120
56371 92625 36988 91635 35507 85657 42975 60802 98528 78116
83777 91203 46041 07231 93516 50319 93599 14205 57767 37017
06806 48602 98104 10140 65276 15933 79239 24524 27176 76616
25611 44145 98374 96711 75997 93408 48771 23024 82165 43337
19508 66642 00050 00662 55562 44242 50037 53784 67693 82554
37611 63874 13117 09675 73715 88524 18699 73921 14043 35523
95707 00552 77622 26229 79463 33382 23395 60528 68393 38710
63225 91174 67630 000 000

12162/11566/10711 kHz, 08-07, 1710/1730/1750 UTC
546 546 546 1 4805 106 4805 106
31137 62227 51783 81961 94645 07337 14939 86363 47484 15784
85662 85777 88855 11395 28227 20794 40598 68200 38584 58923
91721 92390 87732 83869 38282 33472 30464 22279 34302 50166
19230 18907 68566 73199 61176 85167 31811 48162 32292 49644
28269 98561 67324 50351 91566 39141 88715 48111 52446 69957
45135 03596 07053 79260 68235 67199 49577 26465 12151 82909
66250 53878 31601 11280 05618 36627 47002 76061 98671 96139
69108 00167 86593 51584 41561 29899 65321 56021 65392 22746
71284 43486 12160 33388 91367 97638 91431 52476 21159 43798
98856 67515 67096 97745 18615 89773 50649 03865 76329 50199
66247 12608 70879 60506 69097 44420 000 000

10807/10207/9207 kHz, 07-07/09-07, 0700/0720/0740 UTC
822 822 822 372 162 372 162
20822 18693 41315 57566 85129 84188 87256 20481 92996 57813
38394 21732 06784 46803 78315 67582 31366 03022 77206 40513
83454 82577 43237 47122 47891 42468 39782 78731 97736 09592
81592 53523 61399 54894 70496 88470 35290 50061 21860 22319
04134 68972 64758 60232 11707 27630 87896 97197 17361 18906
46257 01986 29925 77219 52850 98945 67750 42055 93627 90822
29838 56460 40947 05543 00290 13958 02013 74669 68985 98512
34176 32022 00676 53594 48353 41062 49485 54537 93076 71648
66804 51779 79268 06345 89415 13126 41768 01890 01444 31544
46402 76926 27415 99282 97295 20569 51883 15851 30902 11211
44344 74894 87023 97048 73594 99349 62364 83552 49700 97166
71064 07244 65812 28157 35219 85330 71405 13581 01544 23817
37061 15050 27354 57608 97154 32698 37225 98002 78929 34525
28079 91655 17153 94170 84512 63807 41165 46521 09570 16114
91982 98285 44591 44826 17966 26487 42727 98116 35458 32898
14033 39915 96102 38885 66951 92896 27925 16116 23743 58973
83142 30954 000 000

11435/10598/9327 kHz, 08-07, 1810/1830/1850 UTC
938 938 938 1 4594 75 4594 75
16747 15263 91611 12090 28055 85092 36158 69777 66419 25405
07562 36288 55349 27225 14312 63863 30031 51524 97981 23027
43144 54446 07555 54033 12986 35499 23688 09695 17054 21336
82785 13280 09443 60664 58072 42343 22131 96837 66895 12527
14680 02951 99848 78133 02398 99121 16161 75221 76216 67317
21287 91701 00730 38221 25925 39211 15048 04392 68200 79814
85105 72923 98599 40249 85394 33818 40172 64091 84063 73316
67315 31152 43738 87862 00231 000 000

9284/8084/7584 kHz, 08-07/11-07, 2210/2230/2250 UTC
295 295 295 1 180 150 180 150
70860 78701 48637 32328 76989 46414 66784 51672 89115 35662
58528 25317 37724 01248 04505 64124 76994 90829 99542 86949
52099 46828 25921 92033 64783 50111 72648 67080 14759 61492
53797 50432 96546 99780 35216 02564 50528 13782 83178 23858
48942 44943 26709 09384 45809 57087 97663 65497 03059 41540
66471 26422 29560 05628 84281 27015 20924 31026 91920 71764
75388 25060 40778 11739 71060 50022 14886 46652 99686 71435
54224 59000 97891 00582 72969 87485 08179 26709 15232 54679
58669 26989 68678 15886 36895 49480 73636 88365 92344 73111
17549 19776 38339 03535 01915 86804 76852 20181 34957 10107
86303 48909 61286 94151 53677 68666 32419 80210 38561 94159
98639 92430 22002 31103 49781 22664 83058 98948 59032 13625
38626 22222 08748 76232 29411 56984 43021 62159 43288 61236
62769 63157 87935 52571 96218 35477 89207 50778 16286 84670
40654 72499 41765 40702 33237 36622 05385 13375 25474 37177
000 000

14377/13461/12114 kHz, 09-07, 2000/2020/2040 UTC
317 317 317 1 5774 108 5774 108
83669 47838 30488 48242 16185 41257 55013 01949 89555 29103
84545 22815 34252 70358 29744 10532 49129 00550 73896 47037
16610 86003 26480 32961 74740 91889 30260 83020 49518 18982
28319 78111 78100 24872 02767 79559 01067 56163 91812 67416
70252 91731 82510 67524 52132 83531 04492 98437 48745 65706
82160 48834 65411 38690 73240 65685 25563 72888 10191 84532
89898 40754 81071 00784 09809 71232 29366 27588 75249 99470
87791 81701 37332 98408 34906 57410 77533 42448 19575 92810
15386 48626 17593 51907 63927 38147 28218 23769 65186 44540
72843 75113 56253 25410 14300 01052 93749 09770 62634 03653
90438 39833 65583 18863 27603 87950 75512 99455 000 000

15881/14781/13481 kHz, 13-07, 0210/0230/0250 UTC

874 874 874 1 151 196 151 196
14805 05371 95843 89536 80939 43243 55110 56318 41715 98008
93835 94597 72449 58075 90967 54472 63319 70239 61510 45441
57979 25318 70527 12286 85486 46727 15211 05072 62541 31740
76738 43278 34571 87116 83426 30846 03140 95181 50705 26992
28021 98145 74983 11498 83100 94443 20193 82191 12999 22267
00842 46378 41280 01218 17448 99078 17836 23971 54128 68155
36731 65565 92769 45061 64769 09066 70063 49590 32953 75965
17837 96664 39821 07334 10540 52856 97146 15102 66488 12904
33483 33240 23481 42626 61102 99945 35535 05657 73284 97114
18578 07469 99580 21695 96556 89716 67015 76461 77992 99607
94591 47409 43141 94300 98096 34210 00196 84144 73141 64739
14363 06105 73650 80118 67760 14020 37460 35963 82627 76764
20299 60914 61330 46437 31774 39509 84402 74216 67182 73530
56185 32878 03232 35477 80861 01700 39679 73045 42317 50900
44626 60606 23494 27969 73465 20943 90381 16511 10946 54127
74865 31738 13059 19181 44985 18038 33654 23068 16581 23912
99625 55467 43740 72431 55379 40803 83803 52185 72990 23250
24040 55884 40898 57689 69227 01403 72012 34272 05142 71721
16456 25529 27169 45371 42251 75643 91870 15385 73055 92028
29477 51891 30275 15771 05767 71283 000 000

12217/10817/9317 kHz, 13-07/16-07, 2000/2020/2040 UTC

617 617 617 1 379 123 379 123
25626 77422 20397 79661 92465 65150 69421 85276 15851 42723
19471 82522 38083 95828 36744 25896 40156 68114 18082 15068
06074 77350 03680 76490 41947 77901 48703 02398 12711 28493
51934 10112 89227 16100 74916 82393 35812 69577 21856 08059
07110 54709 80723 14711 42239 35968 77808 13411 72204 84012
15784 54603 97903 93494 85742 61567 61993 39204 94877 67754
52300 55935 20390 74207 04887 72172 10866 54900 46748 89966
59106 40413 42162 19378 44003 64896 35740 03989 52221 17688
05759 87208 18985 72441 03902 27275 60988 98820 08013 92104
67056 37824 61783 64983 23290 08381 73085 12380 68186 70169
55200 81343 19784 00905 68080 53268 62116 65301 09496 28102
62382 82059 72387 59980 42352 55660 81902 53259 57858 42638
20535 07072 70659 000 000

9317/10484/11552 kHz, 14-07, 0530/0550/0610 UTC

135 135 135 1 9255 109 9255 109
41221 15174 78630 01905 58253 83176 76536 83478 90645 12334
77130 58792 74317 13361 76226 51892 60738 94130 96540 46564
79617 14975 40766 76037 71962 00711 86154 64556 44486 98973
85186 60996 17856 78220 30563 27192 21073 34288 64695 76819
06670 70554 89963 07023 26333 84515 68902 64275 29649 64955
05687 32331 34408 09947 54260 29936 34954 01138 41852 74559
75589 63074 43968 95867 88663 46643 73349 69068 71394 02173
26981 89854 06546 09460 94280 64622 24910 14521 80417 06923
17473 74175 32632 57434 54252 80000 05480 49273 73878 54082
31688 65944 73065 78728 65697 26466 49187 89604 99736 32120
76805 84603 00280 72296 82788 67333 04269 71028 32543 000 000

10807/10207/9207 kHz, 14-07/16-07, 0700/0720/0740 UTC

822 822 822 1 9791 182 9791 182
78765 67564 23805 85927 51948 81043 22306 80092 67214 84084
22895 09177 84116 47102 11599 63136 23000 45959 38877 37438
86100 41983 58720 11094 15687 37827 61779 10380 66958 04881
18014 88850 99370 14966 09176 36630 12634 824?3 82522 73491
18908 13613 69830 90424 06054 87757 15490 52736 24953 69128
48935 19911 87508 76665 01844 35288 19306 21061 54841 53316
44206 32036 08443 95679 81431 37214 21924 36374 04741 80976
14924 27871 86146 56330 64769 11444 80338 62538 83123 45650
77023 91068 91993 39935 48465 27262 24547 66994 40955 12536
56248 85843 04256 41050 62795 08548 68714 84705 48225 38282
79158 90143 15032 07435 95544 29543 13516 66400 50416 97450
18685 05562 54434 36154 84565 14495 30698 47123 95553 49190
12487 82572 30750 38779 51466 10456 66536 13246 26271 40934
73404 06077 91117 27679 14479 16925 93428 83331 11916 72806
73196 48643 83466 44004 31912 37814 67265 67242 97418 04942
58182 27353 16572 40815 58225 62781 05853 00577 78194 92580
44160 71149 96113 63518 84345 50987 58259 70716 94820 36354
44449 12821 79525 72426 98158 06223 43877 18512 34512 71248
27901 25714 000 000

13423/12123/11523 kHz, 15-07/17-07/22-07/24-07, 1210/1230/1250 UTC

415 415 415 1 4850 133 4850 133
20273 71939 78794 35310 12956 87670 72526 91880 09293 24976
29984 71448 99569 08458 99289 40884 49930 55886 10004 17987
78730 51639 95965 08699 81432 09977 65639 72021 74256 33441
25323 97547 70185 41241 69092 24013 92110 72326 72175 93076
98544 96235 40162 10262 01352 96331 71557 02036 61553 70585
88948 71438 43911 18812 18033 94785 26056 22588 77833 49791
60125 59001 17525 49452 42976 02911 54253 34395 36399 65358
49465 65680 94868 41558 06646 97001 50016 43484 35950 68037
54205 26373 60216 15342 64224 27816 83164 06352 68686 23349
30994 07280 12669 10395 70171 27202 07668 69528 76486 24567
50783 48248 11174 32886 09966 77608 80594 06157 87969 43385
34698 38617 70448 75042 40765 55219 19484 67353 34960 78273
99053 86997 60121 11868 36676 12196 74870 54927 62623 78743
28987 49381 20338 000 000

13979/13379/12179 kHz, 15-07, 1600/1620/1640 UTC

931 931 931 1 5403 95 5403 95
89401 57611 51702 51754 17003 07641 45387 34697 76407 04835
10303 25341 28955 35022 48972 30096 29366 18122 96164 83550
41657 72558 02576 66193 63562 98252 82607 03913 46576 25590
21583 59620 05368 08033 55766 79348 45589 27639 61473 37685
88695 69352 79641 42132 63573 10013 97047 40399 32792 79143
20191 50125 54755 57799 70055 60470 72646 97738 89264 72108
19880 18094 14781 27823 47859 76164 44014 15269 36829 51390
63667 00157 89158 34572 45150 31914 88576 43354 53131 28989
39156 24553 70282 42198 53359 29292 70633 80928 96722 92106
10653 33274 44448 02182 59317 000 000

12162/11566/10711 kHz, 15-07, 1710/1730/1750 UTC
546 546 546 1 6644 106 6644 106
10432 06904 98835 46153 92834 54049 93013 09748 29690 27068
03213 82086 65414 58605 58760 95832 73468 61984 88872 74554
41913 16503 23769 20828 38866 69942 50388 64337 96841 41280
75260 52346 17188 20883 86558 70342 57145 97772 31965 25069
43441 00773 48811 45728 52059 77896 20758 13625 99947 42751
68774 12844 21811 41339 19479 53675 40379 32916 84172 70723
29350 63088 76099 27027 22160 68741 46342 56872 01028 24170
09450 07644 86674 12574 59307 01978 16931 41841 89333 45387
98435 06489 97962 17259 94155 65063 57108 22580 87042 00712
62787 57989 46844 16889 91451 24524 58846 39223 53795 19500
42812 47275 01533 67380 24554 64499 000 000

11435/10598/9327 kHz, 15-07, 1810/1830/1850 UTC
938 938 938 1 1802 70 1802 70
03668 44505 36848 41626 28210 11836 58227 12423 76561 42486
60358 21567 25139 54577 17388 52505 97960 55635 07850 14176
06714 96462 95507 55433 97216 49887 10745 30821 90015 42775
50846 23559 98691 88154 47214 97161 21031 12372 95221 04196
61120 77696 42837 87370 64325 95903 56195 19733 35417 66953
31380 17970 28651 81985 80047 10148 25460 42293 30020 59899
57105 30919 16487 73957 58941 79732 11153 54417 33192 76143
000 000

9284/8084/7584 kHz, 15-07/18-07, 2210/2230/2250 UTC
295 285 295 1 4213 188 4213 188
25689 37444 91842 00259 10056 78205 62792 86444 44328 76341
31943 84186 49448 02051 09559 06472 89413 69831 28556 10155
53215 59268 69701 33480 41651 44062 35321 40228 18584 94544
34594 46403 84186 13170 26265 80323 19897 32038 23262 54339
87778 99722 60692 44347 00681 96468 61466 90492 31936 32332
31990 70182 52332 07071 56924 00472 08590 87087 85903 84819
07874 02935 62975 60764 85119 51926 93208 97646 09308 19483
21074 05307 34041 02893 75278 98250 75510 92229 33682 55193
97243 56983 64430 42785 51412 81658 33741 11497 70332 28873
65909 80163 19050 71190 00760 58136 92656 31607 81803 52438
75714 20668 52161 13233 56296 14772 25630 61157 93414 05657
34491 63412 90741 96693 11659 96719 35427 39664 12187 56636
62855 58453 88195 21100 81458 45160 10476 40386 14705 77606
19302 30496 33633 56179 29340 70936 78868 03890 92227 97962
31491 29389 88882 76312 21985 22875 16058 84721 64828 81614
61666 35195 27639 73211 25974 57885 69775 10279 99748 39288
22485 07292 90020 59795 06437 98646 97054 55532 66524 29866
38553 65551 11597 21256 39359 21625 21737 51172 91939 20767
32187 67566 74844 68473 66682 18740 94281 29591 000 000

12162/11566/10711 kHz, 16-07, 1700/1720/1740 UTC
546 546 546 1 3470 106 3470 106
83933 20042 44485 99224 81239 97768 29390 47267 69200 01298
95004 71534 53459 51481 17647 89129 75788 78253 21812 35615
97386 28536 70246 05571 68958 98423 22970 01916 93985 18452
79999 07896 33393 40535 86402 39096 04996 23089 23942 59950
13093 05866 17826 94321 10743 57977 39595 74065 74328 54683
05739 16667 35092 21978 43774 66557 11146 82104 18492 13496
35898 68992 41086 14623 90827 69843 21593 62150 92279 07520
67266 36622 70569 35140 93124 78137 83546 58920 96922 97586
46020 35029 45243 35095 46840 34894 92263 12232 98735 43499
46542 78627 97179 22611 02764 59485 09900 36846 36053 27943
26278 18896 73767 98065 53258 42132 000 000

12162/11566/10711 kHz, 16-07, 1800/1820/1840 UTC
546 546 546 1 5376 105 5376 105
91394 68716 33397 73188 01042 70080 41107 47971 00473 46099
25790 70867 67902 11322 03477 07218 19198 83299 39305 21351
22869 81010 08785 66923 89429 00314 93695 81409 72099 52449
61123 38678 779I0 71826 51925 58424 86927 81452 05711 03382
34184 52868 43329 18792 56206 03705 24600 44172 53877 71429
25467 61114 14715 97324 77966 18528 89512 60024 32931 05718
07272 56895 86935 29688 96071 57545 60348 16797 01075 73589
08838 36456 70338 73443 52717 76324 12654 82955 42129 08688
38043 80751 63214 53780 53999 30517 99440 31116 74348 19074
60882 09150 85682 78801 42523 09517 39771 81610 39517 18520
31050 44541 14986 97873 000 000

14377/13461/12114 kHz, 16-07, 2000/2020/2040 UTC
317 317 317 1 2914 108 2914 108
12444 01333 39832 17535 86065 15154 69873 57968 97737 55942
92715 42792 40897 40006 38945 19699 75624 42628 30033 98762
44989 12263 56795 93552 24813 38605 31074 26832 19083 72074
63239 06755 36100 35052 24221 23985 17869 08783 68378 48979
12441 10026 66994 58400 58215 41436 54184 92358 98527 08332
63874 39397 96651 14045 34911 63935 58109 15441 99479 22906
67879 13757 99941 15569 59636 30128 43979 79317 88861 99068
66310 61515 11563 50243 12480 71917 40532 70772 64156 73135
87536 41402 51341 05145 53426 70913 49668 75277 55647 40735
11770 42368 32378 55754 53460 96042 63652 22954 52584 32951
93190 77071 71842 06746 36119 37626 67422 31654 000 000

13979/13379/12179 kHz, 19-07, 1600/1620/1640 UTC
931 931 931 1 5403 95 5403 95
89401 57611 51702 51754 17003 07641 48387 34697 76407 04835
10303 25341 28955 35022 48972 30096 29366 18122 96164 18350
41657 72558 02576 66193 63562 98252 82607 03913 46576 25590
21583 59620 05368 08033 55766 79348 59589 27639 61473 37685
88695 69352 79641 42132 63573 10013 97047 40399 32792 79143
20191 50124 54755 57799 70055 60470 72646 97738 89264 72108
19880 18094 14781 27823 47859 76164 44014 15269 36829 51390
63667 00157 89158 34572 45150 31914 88576 43354 53131 28989
39156 24553 70282 41198 53359 29292 70633 80928 96722 92106
10653 33274 44408 02182 59317 000 000

15881/14781/13481 kHz, 20-07, 0210/0230/0250 UTC
874 874 874 1 6005 198 6005 198
59149 80847 02434 62295 07589 14732 83607 54658 41221 05131
72701 14334 40159 82132 63575 57466 05931 17502 41166 15357
51715 17456 09199 90453 57128 54487 02997 25214 24744 63386
39047 28325 68360 26506 92701 62299 68503 90182 92769 43578
80216 71796 56195 28640 93352 54772 39841 52510 67614 08201
75267 55955 57513 91473 75499 74092 93341 58161 78490 36975
46467 38246 90549 01995 45427 26847 37152 84968 60988 37691
62856 04881 64792 89924 18363 79113 94455 45763 50688 23688
24054 29037 44978 30075 50914 01756 76612 47378 19272 22183
44953 07059 84443 02945 36539 55557 57420 34168 27178 80408
38474 25755 00591 82608 40094 99857 46688 00288 90023 66973
74333 30125 13924 31881 84705 20192 86668 51701 54006 01663
72090 49387 44003 82133 10485 02240 05948 29121 67234 50850
73715 02541 61546 31101 85116 68052 63510 56515 88665 87378
78290 72234 62470 59587 74900 92940 93414 12068 65340 83098
31522 02087 90312 49046 58306 78106 85082 33005 53555 98541
42423 45773 98605 30484 45293 20550 04672 44654 94725 59987
75263 53695 31083 93180 94911 87532 77408 17294 05455 20591
99852 02409 20453 92627 58915 60981 16624 33584 13914 93114
51882 18758 86399 07671 90693 64193 62107 16039 000 000

13381/12181/10781 kHz, 20-07/23-07, 2110/2130/2150 UTC
317 317 317 1 6622 105 6622 105
48919 22071 46477 15716 68659 62725 19182 60322 72070 03653
71884 50509 55916 11584 02098 82647 85038 59880 42418 55290
51581 76616 41882 70835 25412 78016 47062 78400 47421 85937
26195 61007 21265 83068 11148 95697 44488 53709 19118 81662
21309 46763 31550 36184 49027 35004 90826 77953 59704 60364
71235 06478 29587 26375 04241 20315 30209 92051 13119 83572
38881 46761 66669 60008 63360 90139 51506 41168 86118 50079
33467 13479 48471 04767 51650 05693 23006 00945 44998 71831
36057 91649 64578 49492 11753 54997 40424 75659 57107 46256
83768 72735 83138 29294 86626 68236 39077 02308 80696 51557
64552 51312 70002 16550 99274 000 000

7475/8075/9275 kHz, 21-07, 0030/0050/0110 UTC
402 402 402 1 8456 120 8456 120
72610 33527 73717 75829 08193 89351 23970 92962 68679 01732
11288 42745 00871 46748 94373 05267 14396 20624 75010 14103
28698 16010 33161 88699 71463 98235 80807 37477 32009 95864
48169 62567 56195 75199 89609 32520 49443 19164 81564 67921
21328 95634 17012 90742 41259 14574 13755 87724 60397 03144
88200 53505 10548 81560 18369 75964 97737 20353 72913 32672
43193 17965 37706 53631 44778 62737 10056 87852 48876 08727
95293 37493 50974 06812 92888 72426 34706 84660 75822 22727
13181 39570 70989 67934 67858 65155 07033 03920 48349 08762
76903 07922 14325 23750 35869 29395 67426 14671 94578 04323
02490 28743 00883 87624 49285 71145 77702 66171 22?54 81322
99963 96103 91113 21835 80949 70499 94485 35134 22741 85436
000 000

12162/11566/10711 kHz, 22-07, 1710/1730/1750 UTC
546 546 546 1 2266 111 2266 111
42684 88880 90129 47431 32807 89577 94483 89798 70585 38435
55724 24535 92000 45390 59554 27054 94322 47131 34631 49471
75539 60281 54975 40886 74976 13159 32346 48825 34325 94985
31613 35768 38788 21501 51622 20716 63396 16103 91232 47543
88979 14381 27591 95726 69461 49298 45388 84604 62380 15213
80276 93255 22397 74613 59789 35650 86069 32528 41141 48303
78088 93472 37746 51603 48439 38264 51523 06289 08894 64685
31369 94784 10727 11516 98803 50482 81301 38824 68353 90523
59526 43333 89966 97614 32270 14413 55257 86146 94595 68778
23379 27725 08108 36487 35244 87213 26730 11455 18996 03411
96995 71830 44582 31796 22836 46383 52103 87783 92150 62062
95549 000 000

11435/10598/9327 kHz, 22-07, 1810/1830/1850 UTC
938 938 938 1860 72 1860 72
08471 19651 91953 23690 37164 17697 41831 45166 93877 71497
85799 27738 42787 83638 72021 99397 12728 83938 67782 66009
45009 55489 33866 15498 44241 94204 38393 61723 28045 39110
02114 92589 13436 49820 08156 63798 02003 07243 35922 94780
40810 20558 65699 ?3495 76396 49836 25993 03891 02766 89933
69833 76946 31186 06669 44474 48728 49500 27566 34437 80906
22348 25088 99661 36183 30095 09106 39666 26117 76776 37714
29072 21388 000 000

9284/8084/7584 kHz, 22-07/25-07, 2210/2230/2250 UTC
295 295 295 1 657 90 657 90
65439 95798 86578 42521 63605 23411 92812 82231 78012 90733
10220 90943 31064 86791 93184 38015 99616 35891 45953 65840
87570 43926 62227 59757 93047 55560 16475 74497 65579 09615
13961 89156 03182 33374 41823 94659 93454 96546 95284 48690
77540 70968 77429 34254 68657 81076 95957 42016 27205 68181
30940 09200 65203 88668 96192 45577 12214 62857 94563 13743
27033 85243 95899 11506 04959 32395 15294 48627 73029 86668
98557 84259 10870 74887 19092 30026 33352 72415 36082 21430
37129 31834 32757 75738 57119 36899 00596 60544 74781 84755
000 000

10807/10207/9207 kHz, 23-07, 0700/0720/0740 UTC
822 822 822 1 7970 140 7970 140
53760 52922 45737 62124 13025 75996 50741 10415 61694 82900
30741 57094 06951 32421 52411 53157 06286 46692 38261 95134
82753 67903 45273 38772 16544 30854 66278 47335 45576 84999
03777 40116 21865 09449 36768 53902 16341 95701 11801 29422
23266 53102 26163 56223 10004 92637 01956 20523 02744 49669
69237 90199 58884 43147 02031 73398 72413 74806 96464 16100
57516 57287 27626 26021 32823 77404 08377 25509 77273 82675
66943 89340 35501 56434 27898 22947 38318 44439 20358 84260
57285 09399 26846 16051 42059 55070 04008 85022 70113 23613
51571 73972 93028 77726 76340 51166 48777 25495 74652 67398
58790 43820 74685 73732 38723 76723 77614 29718 04983 84989
22682 52636 76161 99099 78053 49847 91490 12729 13102 17873
16072 58469 92075 02908 08707 98017 60890 36838 44642 26225
06605 46071 76054 32247 28821 49761 07151 21987 98385 94115
000 000

12162/11566/10711 kHz, 23-07, 1700/1720/1740 UTC
546 546 546 1 8542 108 8542 108
66947 02485 06531 92836 00529 42027 08661 06861 47448 48570
61974 60754 71215 10920 34122 35144 67220 89114 08333 24386
39276 29651 08306 08006 22780 41889 82271 64558 92303 14263
44323 13472 01863 86690 53527 09748 98145 49030 40727 83675
48368 08043 14982 29408 85295 46249 62093 05555 69598 91805
99686 86303 36557 94041 63852 90215 37290 76135 41521 04028
51488 50067 83240 63659 32697 57642 40020 23304 65566 08114
68425 34413 84642 83038 30513 76026 65595 65776 88265 29138
68731 62397 63157 39685 26270 47850 75649 77179 42899 46792
32285 05037 83899 06759 57980 07375 70926 53888 17801 04998
89196 63375 22279 73524 78868 88979 68387 89050 000 000

12162/11566/10711 kHz, 23-07, 1800/1820/1840 UTC
546 546 546 1 7994 113 7994 113
37305 69407 64770 64927 42614 52470 09573 38044 81247 07039
68915 00259 45607 68046 83488 39144 71173 10322 35540 34270
17661 34032 09811 34975 65813 28975 87432 04459 70001 37327
94414 68539 54273 35491 89377 65899 44606 43295 19164 37268
82418 91648 10534 07219 03439 87724 82111 29516 26714 13714
64178 57129 23309 89422 02056 35387 49687 31326 48214 82725
29583 44514 94254 27525 75157 19817 17035 53753 95186 96761
17578 68011 46443 13999 80995 14398 52595 32349 63639 31745
67773 17517 15126 14489 ?9492 43602 97842 74454 67277 12367
86856 62749 71587 47708 70933 17721 10924 28375 56967 41492
45280 77414 94527 61334 64943 00368 02897 67126 53126 01680
38046 06749 74824 000 000

14377/13461/12114 kHz, 23-07, 2000/2020/2040 UTC
317 317 317 1 9418 106 9418 106
_8544 00209 59570 73840 32318 46314 93540 51281 13571 19899
94031 45350 47159 23075 61938 07606 57315 53136 07686 42978
78143 85741 68384 73094 91705 94064 77819 65987 05719 13748
02938 51084 34003 80298 14124 34514 56674 57523 45033 55771
01857 50795 16948 68258 05963 64798 87703 48008 50571 86556
72190 41120 12707 38904 87272 09245 08221 56899 27807 32508
96508 90360 59660 29591 70912 19199 74165 33231 52193 20105
37680 87377 08373 17006 86176 49979 07146 97256 60460 68362
49036 75826 97586 36913 34440 81569 55354 16879 48097 84697
99238 04638 59220 34035 68128 54561 44599 62964 60493 46783
33340 18053 59014 03224 05489 64183 000 000

10172/10972/11572 kHz, 26-07, 0500/0520/0540 UTC
195 195 195 1 4520 108 4520 108
84504 81770 68835 91523 20393 18346 03232 31975 10195 03047
92390 75170 27274 62900 70958 80136 21933 06519 14151 89913
61636 52889 64706 08262 80549 99472 69730 41037 30405 44898
74527 23841 25533 05360 60428 56461 66337 37040 78584 11916
99922 72742 67454 24857 98973 87614 19565 63320 30594 25244
15997 26369 93132 07175 04146 44563 85772 83669 15216 12304
76442 80879 71590 62494 39386 88563 30689 93382 76637 13232
00581 19515 31564 47849 55290 24209 85419 52891 70557 79617
48048 34896 15745 80895 96915 19253 78377 16023 00568 32605
19507 05210 87414 80452 04996 04818 63279 33204 14804 94393
41042 59969 36566 40738 05079 82510 90361 16099 000 000

12217/10817/9317 kHz, 27-07/30-05, 2000/2020/2040 UTC
617 617 617 1 2305 96 2305 96
98221 21864 62721 14274 96321 76747 90208 20030 48002 36407
88513 00348 33234 55529 18700 11633 28403 85425 97974 27741
62853 13047 92542 23534 48388 99176 99256 74039 00830 40983
93030 93939 09094 25868 85002 10683 45141 88598 73031 94599
83352 67602 91360 59836 44335 59872 98448 54344 85359 29651
00447 07342 50873 01481 24186 88790 06252 27502 13828 78968
76303 35102 54996 72957 20874 87289 73406 72471 86129 07932
18389 31104 26954 61533 70200 63993 94111 92861 72498 57220
60769 05022 52295 31822 89948 84165 19977 24885 41128 50828
55787 50883 18806 07706 66118 22012 000 000

13979/13379/12179 kHz, 29-07, 1600/1620/1640 UTC
931 931 931 1 4784 140 4784 140
90145 49582 58766 05613 81425 58606 52807 78086 96688 08625
43530 46234 71164 67354 35489 86801 59233 47170 97308 20234
41678 63415 75752 29170 20238 02135 78856 95560 83692 08220
03704 32972 47441 47826 08876 12198 79676 44519 11776 07178
78809 36562 34975 24918 25136 44868 44677 62836 59757 81205
50838 07352 69876 17679 85901 25822 43558 53765 11649 32918
55578 13891 09200 92756 62780 51127 52839 88960 07427 34262
22179 61330 19875 27606 25417 19658 14162 61631 56091 25803
90575 10475 82917 67962 04689 73015 87434 80940 88886 70431
68235 21074 81150 29444 07238 58046 75835 39641 76256 45301
48017 50151 12944 04701 38795 87370 26836 64302 93971 35524
16061 62861 42691 98178 60305 48671 83247 60296 23006 79896
79319 58134 48709 30571 10589 30112 86954 97385 93829 94574
22568 39993 36137 66427 44766 65877 98390 86189 28907 63851
000 000

12162/11566/10711 kHz, 29-07, 1710/1730/1750 UTC
546 546 546 1 4488 104 4488 104
19917 62229 31732 31813 51602 57896 45267 41094 08480 54176
50081 11356 03234 87313 15586 36336 96558 92381 02736 90165
14193 66598 99502 06339 95734 88237 96579 43863 63689 57232
90911 17442 72241 20533 73023 55638 44577 17570 75035 67580
69234 64119 24596 51071 88848 08270 15852 90066 86686 01583
97095 96516 72157 51940 45716 05112 12953 02915 67713 01165
45837 69654 48428 18027 56334 19752 63952 45119 11822 05472
13920 43558 21268 30211 06393 65847 91445 26482 36041 02316
86894 05534 06847 26411 83753 75170 20019 56973 90684 16611
12767 08401 14136 83503 37681 52041 58271 44806 86222 38399
55090 89033 13067 32393 000 000

11435/10598/9327 kHz, 29-07, 1810/1830/1850 UTC
938 938 938 1 6279 72 6279 72
59749 23476 72281 22807 92801 48235 30043 03608 57413 70024
07436 10456 97430 24568 26668 56177 23898 51701 43158 63114
20900 87211 65006 13696 14623 11440 14485 68497 45162 24652
49862 97943 46717 99809 26577 32317 32990 64767 91455 81953
57354 51893 88937 10181 98717 83383 51357 57294 14415 77466
13371 38696 84481 57451 87897 49283 72596 86874 95183 60843
45094 38557 23972 77367 82516 16811 83624 62630 23200 94745
28230 42614 000 000

9284/8084/7584 kHz, 29-07, 2210/2230/2250 UTC
295 295 295 1 8371 102 8371 102
65869 54701 47029 56362 15662 95521 12268 61022 59861 57300
84115 20929 87313 34323 97796 37675 76560 77951 59034 55827
67628 27759 30233 98649 21808 57986 69615 33048 92655 56822
91340 39364 39449 65085 40293 28032 72574 82711 06505 30649
51895 45534 55030 73141 69656 94111 71264 32669 26639 65362
29148 31305 68709 79079 16687 34275 53227 00828 04946 43397
87497 71092 54386 08387 51052 60885 24854 42276 43905 41795
68194 12137 85344 19915 96889 09142 53197 71749 64924 69914
35790 18966 34838 74499 82925 71819 51602 56084 55206 48902
11482 49338 31677 45118 26894 26954 83872 42349 78189 77634
36340 48246 000 000

10807/10207/9207 kHz, 30-07, 0700/0720/0740 UTC
822 822 822 1 569 122 569 122
66389 35383 65397 26214 79748 79716 26121 39449 93247 95299
11190 23328 70023 06806 86097 86074 79056 66002 07608 16081
41930 34799 20097 57061 45936 11297 45385 43975 95671 90255
60826 79459 87628 80355 96017 74711 32816 01194 86040 45159
89496 59783 91339 50478 41216 63595 18990 70560 62985 80914
17583 20927 45334 56568 54848 61760 39907 15283 19802 44634
21183 19432 18078 24186 66097 60860 53943 94822 05349 09018
75291 12971 51810 96645 15805 09901 03016 48223 22122 56210
30440 05795 57036 85442 95945 34325 75382 65793 57307 72673
42176 23026 07789 18710 59582 10922 77918 59313 61383 99217
33705 31475 04800 22370 87671 23192 71937 77080 95019 12031
54507 22988 12415 17719 88700 24867 94327 99189 57971 27791
90539 09666 000 000

12162/11566/10711 kHz, 30-07, 1700/1720/1740 UTC
546 546 546 1 1370 104 1370 104
26942 36745 23002 68108 68203 83825 87464 48900 16396 33506
30644 03661 28016 72717 54113 64918 21074 76241 35843 23286
86573 28156 61117 56507 60880 13415 66155 21345 37887 40494
39813 08422 67156 20112 38543 15344 53433 33670 26553 05801
49529 50782 90118 61800 26668 22070 61119 11312 32087 56139
15234 54802 39079 90992 22805 15444 25674 43937 13761 81736
29409 72242 70434 49283 30292 95?54 80880 98175 76623 24954
51326 43093 87147 86382 29723 03226 39555 18881 33337 37069
64315 47001 95277 41242 06671 92685 24908 31629 78000 61298
31584 77464 67690 73148 70439 24287 08021 82400 82891 75141
06329 37458 28207 04719 000 000

12162/11566/10711 kHz, 30-07, 1800/1820/1840 UTC
546 546 546 1 3008 112 3008 112
17707 66458 36707 92850 70924 76874 06967 98140 05766 95620
93138 03007 92448 21491 51313 50196 00818 74924 51451 65597
61334 50114 66469 33862 44148 59927 49774 03690 56566 45927
71301 63765 23619 41004 19516 57193 45468 47920 70712 71246
09761 33892 39812 52932 27910 33448 86280 16840 08498 87166
06117 67838 56163 84346 24886 19025 95592 93354 06783 91685
74697 88180 65463 90609 73596 01420 18300 11114 13916 67259
35503 21513 01087 66000 21738 50590 18713 01106 73571 68964
77757 10796 56371 14018 18006 80362 28605 59712 78683 74085
99708 69422 74640 83922 34966 75739 99084 78919 48473 22049
27563 31604 61742 24998 87238 70674 74615 98778 28892 44613
17274 71599 000 000

14377/13461/12114 kHz, 30-07, 2000/2020/2040 UTC
317 317 317 1 1440 107 1440 107
24207 07898 53182 37672 64209 58396 88331 71513 57240 98171
41314 37859 67344 39365 80395 20172 81943 85719 22940 30608
82405 48924 67853 51719 21773 18959 10918 69353 56616 44610
50340 28371 23231 86540 55293 31940 64403 43063 07511 39911
29967 62417 16277 10997 15863 41812 10187 63902 12146 20264
75248 10169 06524 16243 08167 46820 42906 06822 83237 58248
66421 01780 51728 33851 37463 58522 31431 53149 79121 38385
43922 22479 38806 54282 31147 95194 27309 23412 00111 03154
02119 92322 39878 08538 56472 23401 45894 87519 51796 89798
57326 37951 67043 69393 05557 60315 10419 95574 90548 82757
70676 63783 27376 15286 37723 78891 19981 000 000

15881/14781/13481 kHz, 31-07, 0210/0230/0250 UTC
874 874 874 1 196 96 196 96
94598 70916 64223 61051 54687 43121 30735 15183 41083 21614
80387 54141 89339 48978 22098 20191 33333 68115 24031 41934
22691 49210 03445 75770 77990 44061 76785 24842 66240 48715
65840 08377 78508 80079 28017 85920 08526 58057 41888 03075
79988 01925 06457 16922 22109 19480 22757 08210 11892 50597
67515 95858 74777 80186 80667 37997 36176 03892 45874 80683
64200 99601 20061 12858 54977 77408 32972 56734 27876 92526
56747 47339 55190 26751 77566 39265 66130 95366 01240 61150
53021 83345 89337 33262 48431 84879 79930 00844 32327 16924
40842 12527 46141 67622 80554 95920 000 000

10767/10167/9217 kHz, 31-07, 2100/2120/2140 UTC
712 712 712 1 542 45 542 45
06829 41062 46424 24366 48676 21432 90646 57697 38816 01059
01921 97589 61124 14512 27548 81979 84686 50222 45012 88653
76995 33251 82304 44206 21648 30536 31987 48295 29877 01855
67470 43573 02888 70376 33380 16074 30599 57522 50820 10859
07016 82301 04000 30637 69681 000 000

M14

4730/4650 kHz, 04-07, 0800/0900 UTC
523 495 495 32 32 = =
76980 34578 84709 22657 36210 65789 37659 32727 87890 47210
84600 38119 67648 92010 84912 08674 25546 98350 00346 74921
29855 04127 97978 47608 37532 33754 97453 86556 30956 11743
41086 89723
= = 495 495 32 32 00000 (no nulls at 0800z)

16347 kHz, 10-07, 0930 UTC / 14878 kHz, 11-07, 0930 UTC
617 380 380 149 149 = =
42220 88539 20956 40360 19271 67072 16909 81173 76870 38477
12975 88112 20605 46926 59207 83332 82901 35610 96628 88789
89010 54775 06375 21593 15628 06466 89846 23354 78676 98916
97183 19069 09973 14287 57183 15349 67003 59863 03816 88814
92989 40686 86565 01622 09766 37123 91994 75110 94300 62065
46768 33909 19038 79355 30209 18588 21252 13568 15378 72069
26489 48354 86050 21912 29349 06672 08942 85058 13753 76551
31464 21798 10602 70477 87580 89971 31316 23719 75194 79429
89602 53030 26431 91205 25981 55550 24187 93715 07170 32699
44678 95605 53780 82896 33012 95184 33184 44555 24754 51050
96371 54773 35434 43773 29518 03404 97998 23988 11674 57985
29093 72548 95242 41331 50515 39962 22935 77515 87882 72901
91011 55517 85069 95018 81794 27255 45693 03386 08042 34045
90644 42418 04652 60129 45259 71021 51050 64283 74049 16417
15131 09682 75192 99356 94135 23165 50874 67751 97421
= = 380 380 149 149 00000

6864 kHz, 14-07, 1820 UTC
163 191 191 32 32 = =
16432 76541 81490 62011 72985 76598 45631 67854 65419 78648
76505 542B1 65390 72549 67538 65345 67401 67543 98732 48329
34731 83857 73981 65392 64231 36122 72456 72319 74274 72435
76345 63190
= = 191 191 32 32 000

5935 kHz, 15-07, 1920 UTC
417 191 191 32 32 = =
16432 76541 81490 62311 72985 76598 45631 67854 65419 78648
76505 54271 65390 72549 67538 65345 67431 67543 98732 48329
34731 83857 73981 65392 64231 23612 72456 72319 74274 72435
76345 63190
= = 191 191 32 32 00000

4730 kHz, 18-07, 0800 UTC
523 932 932 32 32 = =
45891 34210 56890 13579 97531 13578 09753 12468 05405 08641
09761 12345 98765 09876 23456 13560 01020 23490 43209 12390
08644 01090 32076 54045 50190 56701 98765 54090 32105 23405
91054 41405
= = 932 932 32 32 00000

4730 kHz, 25-07, 0800 UTC. Different repeats and errors in red
523 623 623 33 33 = =
42156 67452 85321 90876 56231 34435 53982 58600 46968 54582
17982 28878 41726 41760 68786 (1x) 872836 28736 87249 28241 28930 49211 40211 65523 6523
83421 85800 96698 31664 40067 (47067) 85825 14443 94810 10657 47612
11011 1011 59288 88912
= 33 62S 6S 3 00000

4650 kHz, 25-07, 0900 UTC
523 623 623 33 33 = =
42156 67452 85321 90876 56231 34435 53982 58600 46968 54582
17982 28878 41726 86987 28736 87249 28241 28930 49211 65523
83421 85800 96698 31664 47067 85825 14443 94810 10657 47612
11011 59288 88912
= = 33 33 623 623 00000

M21 - Russian Air Defense Forces (Войска ПВО Voyska PVO)

5732.5 kHz, 04-07, 0556 UTC	=9900856??8???? =9900857??8???? =9900858??8????
7249 kHz, 05-07, 0631 UTC	=990933??0????? =990934??0????? =990935??0?????
6421.5 kHz, 05-07 0633 UTC	=990933??8????? =990934??8????? =990935??8?????
4791 kHz, 06-07, 0511 UTC	=990814??0????? =990814??0????? =990816??0?????
3246.5 kHz, 12-07, 0306 UTC	=990609??0????? =990610??0????? =990611??0?????
5732.5 kHz, 12-07, 0343 UTC	=990643??8????? =990644??8????? =990645??8?????
6421.5 kHz, 12-07, 0413 UTC	=990713???8???? =990714??8????? =990715??8????? //5732.5 kHz
3185 kHz, 12-07, 0438 UTC	=990738??8????? =990739??8????? =990740??8????? //5732.5 and 6421.5 kHz

4603 kHz, 20-07, 0642 UTC, i.p.
1909728 19000232 009728 03780478100 0942
511597 972803780
5144 03783 9291000946
511800 0097590 23871191000094 63

M41 - Russian Air Defense Forces (Войска ПВО Voyska PVO)

4317.5 kHz, 06-07, 0502 UTC
722 19487 00037 19991 2881090 0800
RPT 722 19487 00037 19991 2881090 0800
9VDI K

4844.5 kHz, 08-07, 0624 UTC, i.p.
8500 441 2789 24
8500 441 2716 25 517
8500 7180 511 800 6600 451 27 03 26
8500 442 4765 27

4959 kHz, 09-07, 1331 UTC, i.p.
145722194850303220 72128710901625
ABV 145722194850303220 72128710901625 K66E K

5479.5 kHz, 09-07, 1450 UTC, i.p.
032 29 95 516
032 29 95 51 517
9516 41 35 511 400
9516 032 29 96 52
9516 032 29 96 53
9516 032 29 97 54
9516 032 29 97 55 517
9516 41 35 511 400
9516 032 29 97 55 517
9516 41 35 521 400
9516 032 29 73 56
9516 032 29 73 57
9516 032 29 72 58
9516 032 29 72 59 517
9516 41 35 511 400

9VDI

4844.3 kHz, 12-07, 0940 UTC, i.p.
722 194 8501 037 1036 1 617 2 180 12 34 K K K
722 194 8501 037 1036 1 617 2 180 12 34 K K K

7604 kHz, 14-07, 0648 UTC, i.p.
003001 8060 1221048 48 =
3001 8069123 104549 =
3001 8069 123 1044 51 =
3001 8069125 107559 =
3001 8069114 1061 01 =
3001 8069111 1043 03 =
3001 8063456 103105 =
3001 8013569 07 =

4573.8 kHz, 14-07, 0710 UTC
8500 44047 48 09 8500 4424636 10 2 EEEEE 192 8500 1010 K

4959 kHz, 15-07, 0636 UTC
K66E 1949900031164512932330093 4
ABV 1949900031164512932330093 4 K66E K

K66E 1959900031165416170003931
ABV 1959900031165416170003931 K66E K

990495
9904031455135
9901031454336
9904031169036
510990030
332990437
322990137

5175.5 kHz, 24-07, 1152 UTC, i.p.
7221948701 0371798154321701446
RPT 7221948701 0371798154321701446 K

00971103
009713037138591421454 511644
00971903316669167145 4 511485
009706037837491001454 511800

M51a / M51b

3881//6825 kHz, 14-05, 1655 UTC
Non-stop 5-character stream composed of M51a messages
The spaces between the messages were not transmitted but entered afterwards.

IHGKF BCFGH LMGKT QAAED ASZXW VBRYT MBKTJ PLROI QESWF 58903
VCDSH ?VA.,' QWAEV MBNGJ FGDHQ ZXASQ KBFHR RTYEU CXZVB MNFHG
32568 BXAHW /.VAAS' LKJGH ORUTI QEWRS BCVDS MKHJU ZSAWQ CVEYR
POIUY 25801 VXSAJ AS,'./ QWAES NCBFG PEYRH BDFSG ADSFW MBNGH
LKBXC RYFHB 65489 BSHLK 'AS?., DKRIT VBFGR XCZDW LKUER QWAEW
CVDFE MVNGJ RUDHE 65987 NWPOE ?/./? FBEEB XCDFE SHDJE KEJRY
CBDNM DDNAJ LKEID XVDFW 20367 SJWYE AS'VA,. JHGJL CWPDK MDNRB
QWADS XJSEI LFNVE ALQPX LPOSN 45280 KDSUE .VA'?. LGTOR VDTEU
QRSGW ZSLCX MDEYR VLRFJ QUDGJ MCRJD 21936 BZAWU .,?'VA PDLEO
ADQRW FJFKR CBDBD VLTPO SHSHX BCEYS AWLDO .,AS'/ MCIJF 25639
LHPTO QEAXS CBSJS WLDOE LBPNI RAHAY CBCUE FFADQ 01258 MXSUH
AS/VA., NCDJE LGPTO BCEYG CXAVQ NBMTI PJLYO BVDYE SQAIH /AS.,'
JDUEN 20589 VXBSG VXSHE UHKTF MVNBR

GFDTE XVWBQ ABNHU EJLQP AMLIK WNQHZ SJQHS DGRTC XVQJA JUHKD
VCGFY RHQJA KWLQO ZTDFS 35271 WNDGR JQKIL PMAIU 67349 NWJDO
YHDTC XVSFE ZHQJA KJQUH NWJFG HRTYU SKLOI MQPAZ BHPAK UJDGC
45270 37658 XVCBD WNQHA JKQLA MPLIK JNDGR VXGQJ HDKRT UJFHV
BCNXH WJQKZ KALMP OIRTD FHCVX 01878 DHNCJ SKRTZ SJWNQ HNGTR
XCWVS QNBHA JQKAL MQLKO PAOQL NCHFG RTDFX WBQJH GBDJX

GBCHX WNQJZ AKOLQ PMAIJ NBCVX GSHQJ BXJTG ERZUA QIKLA PMQJK
IKHNG 23401 HBCJD SUJET ZUJQH AOLQP MQNHB WJUTF CJDGR UJDOL
QPMAU DJSLS WBGCN JHDGX VGDUR HDFCV 74638 UJDGS WJNQU PMAKD
XLQUH FGCRZ SGQHA WKQJU YGHST 46329 OLDHC XBQKA UJQKL IKHNF
CVSGZ WHQYA BWHDT QJAIK QLMAP JGHDT VXHSY ZUHSQ JWNHZ KLQPM
HNDJS WVXBD QHAUJ TGDUR SJQKI 30187 HBCJF XJQKI HBWGD

HBCGD QJAKL QMAPL NWJDG ETSDA BWHQK AIKSG DFXCV DPLAM WNGHC
XBDUE IKDHS XVWHQ AOLZP MQKJU NCHDF XVWHE SYHVG DHSUA ZNWJS
83725 JSHET 37627 QJNXV CHZRS WKQIJ ALMPQ HNCVX HDUJR MLQOA
NXJWC SHQYT RIZGF VXBSU AJSKQ WNHUA ZIKSL QMNJK XVCGR PLAOJ
NBCHF XHSDW ZTAGF 34267 XVWHQ AUJSD XVCLK CBXGD OLAUJ NVXBD
SFAJU HWCSJ QKLAP MNJKG VBXHD WCGFS WVFRZ

JDIRB SLVIE MNAPQ BKHYX VLSDP HTFZI LAFGH INVRC SOPEF 62894
VSQHE .,=?' ZCXSA CDGET NVYUQ ASWOP FJEIR YGVDO PKFUC EXUNF
00511 BSYDH .,?/AS SOUPE KESYB MDGUC AQNRI SWIDF ZOEPL CNDKE
RWODK 85236 CAXWS .,VA'/ XLASD RRBGI GBUDE FKHDX TUYOP EDSXW
WQAZX OPLMN 25984 CARSD AS+',? AQPON CNDKW XMAKW DLWPE RUGBY
ODFRT BHGCD ORMWX 96547 CMVNR .,/VA? LAOSW JDIWH XZNSJ BMNEO
RITOF WEISJ SLWOD CBZMA 32698 LFOTP ./AS VA' BUHDE MYJHG VDUNH
WLODC TYHGB MILKY TUTUT NDCIN 98720 LGOHP ,'/.= AQPWO CNDJW
ANDER MORNI PLOFE XNSIW OPKJD EVGCT 63259 BCDGE ,AS.'VA MAGDA
LORGH BIDUL WERTY ALPES HNIFE CMKSE XIOKE '//'. MCKOD 12890
AQPOL CMVNE WJCME SWERP LFKHM IJNGR BCDFY PDHBV 25168 VCFSG
.,?+' VNMRO FKSWU GLOPE NCJSJ KFOGL AQEWF BCNDJ MNKTI PHLOR
,AS.VA' NXSFW 20398 BVNDJ FLWOJ ZAQCS

M89 - Chinese Military

4800 kHz, 16-07, 1008 UTC, i.p.
56N4 375D 4AT6 TDU4 ...
RPT P..
N ACK RMKS TA TIME TIME .. K
QSY 01 K
R W. RPT OK
U.. N W F A.. A 34567DAU T T DU53 36N6 D4T6 ...
R R HR MSG NR 092 CK 91 63
MSG NR 0003 CK 91 63 0616 0017 8 EEEEE
RMKS 0. OKD R = R = AR AR AR K AR K
R QSL K R OK K SK SK SK
R BOZ 2 7U .. K
R OK K
R BOZ U G5BW K K
R BOK EEEE R BO7UP5B .. K
R SK SK

4266 kHz, 27-07, 1135 UTC, i.p.
29 0727 1933 RMKS = 7553 TO 9593 K
R GA (Both stations on this frequency)
R = = 7UU7 TU77 AA5D 5TTD 54UA NTNT D5N6 3NTU (Cont'd)
R QSL 1936 K (Very short message)
R K SK GB

6614 kHz, 27-07, 2338 UTC, i.p
RMKS 7031364 TO 7031369 K
MSG NR 5042 66 67 0728 0950 RMKS 703AR 364 TO 7031369 (2339z)
MSG NR 504 AR CK 66
MSG NR 5042 CK 666
VVV QSL 0739 K
IEC = 44QSL C AR AR (Exercise related)
7G NR 6 EEEEE 7G
NR 5042 CK 66 67 0728 0950 RMKS 70031364 TO
7G NR 504U

3534.8 kHz, 29-07, 1855 UTC, i.p.
RMKS 6966085 TO 6966086 K
R K (Both stations on this frequency)
AUND 3D4A A3TU 367D 3DU4 UT56 AD73 3UTA NU6D (Cont'd) AR K
R QSL 0259 K
RPT
QSL 0259 K
O259 K
NR GA
MSG NR
GA K
OK GA
NR 48 CK 61 ... 0730 0300 RMKS 696608. TO 6966085 K K
OK
= .AD 476 U5 (Cont'd)

M95 - Chinese Military

4243//9054 kHz, 02-07, 1144 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages
4243//9054 kHz, 02-07, 1149 UTC, M95: CW
VV HR MSG TO YR PSE CY
NR 083 CK 37 35 0702 1525 =
5AA UTT TTU 3U6 3A4 5T7 5TD 75U 353 U4T
354 376 DN7 36T 4T7 445 3DA 4DD 5TN 75U
353 U4T 354 376 DN7 36T 467 445 3DA 4DD
5AA 75U 353 4T7 445 3DA 4D3 AR 7G AGN
NR 083 CK 37 35 0702 1525 = (Repeats message)
AR A HR 7G GA
NR 04 CK 151 35 0702 1550 =
UTU TTU 3U6 3A4 TTU 773 354 373 4T7 445 (Cont'd)

4364//8073 kHz, 02-07, 1134 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 msg to BNGC
4364//8074 kHz, 02-07, 1136 UTC, M95: CW
V BNGC (x3) DE XSV85 (x2)
HR MSG GA PSE CY
NR 0515 CK 150 35 0702 1623 =
TTU 3U6 3AN 3U7 TAU 773 TA7 773 TU4 773 (Cont'd)

4243 kHz, 26-07, 1140 UTC, V26: USB. Callup in Chinese. Female operator
4243 kHz, 26-07, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages
4243 kHz, 26-07, 1153 UTC, M95: CW
VV HR MSG TO YR PSE CY
NR 032 CK 31 35 0726 1524 =
5AA UTT TU6 3U6 3A4 5T7 5TD N44 5AA 75U
354 373 N3D 353 4T7 445 3DA 4D3 5TN 75U
354 373 N3D 353 4A7 33N N3D 4TN 445 3DA
4D3 AR 7G AGN
NR 032 CK 31 35 0726 1524 = (Repeats message)
AR AHR MSG GA
NR 52 CK 141 35 0726 1552 =
UTU TU6 3U6 3A4 TTU 773 354 373 N35 353 ...

4364//8073 kHz, 26-07, 1130 UTC, V26: USB. BNGC DE XSV85 clg BNGC. Male operator
4364//8073 kHz, 26-07, 1132 UTC, Q26: 4+4 QPSK 75/3000 LSB. BNGC DE XSV85 msg to BNGC
4364//8073 kHz, 26-07, 1136 UTC, M95: CW. BNGC DE XSV85
V BNGC (x3) DE XSV85 (x2)
HR MSG GA PSE CY
NR 0569 CK 174 35 0726 1633 =
TU6 3U6 3AN 3U7 TAU 773 353 37U 4AA NN3 ...

4243//9054 kHz, 27-07, 2347 UTC, i.p.
0728 0642 =
5AA UTT TUD 3U4 3A4 5T7 5TD 75U (Cont'd)
AR MSG AGN
NR .5 CK 3. 35 0728 0642 =
5AA UTT TUD 3U4 (Cont'd)
AR A HR 7G GA
NR 5. CK 0. 35 0728 0... =

4364//8073 kHz, 27-07, 1130 UTC, V26: USB. Callup in Chinese.
4364//8073 kHz, 27-07, 1130 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 msg to BNGC
4364//8073 kHz, 27-07, 1136 UTC. M95: CW
V BNGC (x3) DE XSV85 (x2)
HR MSG GA PSE CY
NR 0571 CK 202 35 0727 1536 =
TU7 3U6 3AN 3U7 TAU 773 TA7 773 TAD 773 TU7 773 755 (Cont'd)

4243//9054 kHz, 27-07, 1140 UTC, V26: USB. Callup in Chinese voice
4243//9054 kHz, 27-07, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages
4243//9054 kHz, 27-07, 1147 UTC, M95: CW
VV HR MSG TO YR PSE CY
NR 034 CK 39 35 0727 1530 =
5AA UTT TU7 3U6 3A4 5T7 5TD 75U 353 35A
4T7 445 3DA 4D3 5TN 754 353 U4T 35A 4TN
33N N3D 4A7 445 3DA 4D3 5AA 75U 343 445
35A 4T7 346 N3D 4T3 445 3DA 4D3 AR A HR 7G GA
NR 075 CK 21 35 0727 1608 =
UT5 TU7 3U6 3A4 TTA TTU TT3 773 353 445 (Cont'd)
AR A HR 7G GA
NR 54 CK 131 35 0727 1635 =
UTU TU7 3U6 3A4 TTU 773 353 373 4TN 445 (Cont'd)

DIGITAL MODES

HM01 - Dirección General de Inteligencia

The groups and files from 3 April were repeated throughout the month.
Groups: 01441 68532 35731 30038 48409 70208
Files: 17550144.TXT 50026853.F1C 14623573.TXT 43453003.TXT 13804840.TXT 50087020.TXT

Oddities:
9330 kHz, 13-07, 0800 UTC. Should be on 9065 kHz
9330 kHz, 13-07, 0900 UTC. Should be on 9240 kHz
9065 kHz, 17-07, 0900 UTC. Should be on 9240 kHz
11462 kHz, 18-07, 0558 UTC. Should be on 14375 kHz. Switched at 1913 UTC

F01, F06, F06a, M42, M42a, M42b, X06 - Russian Government & Intelligence

M42 – various modes

14932 kHz, 07-07, 1154 UTC, MFSK-66
14838 kHz, 27-07, 0910 UTC, MFSK-66

M42a – GRU HFDF-net

11797 kHz, 04-07, 0526 UTC, CW
QSA 3 K K Â Â K. QSA 3 K K VVV VVV

14258 kHz, 06-07, 0842 UTC, CW + Baudot ITA2 50/500
VVV VVV VVV QSA 3 K
VVV VVV QSA 3 K
VVV VVV QSA 3 K
NW Â NW Â 27666 Â 54124 Â 54124 Â
RPT 34998 Â
message in RTTY
VVV VVV QSA 3 K

5857 kHz, 05-07, 0550 UTC, CW + Baudot ITA2 50/500	HXMT wkg SFDZ (QSX 6993 kHz)
9124 kHz, 05-07, 0657 UTC, CW + Baudot ITA2 50/500	LKDW wkg PRAT
6993 kHz, 06-07, 0550 UTC, CW + Baudot ITA2 50/500	SFDZ wkg HXMT (QSX 5857 kHz)
8067 kHz, 11-07, 0542 UTC, CW	W9QP wkg LM7K
8047 kHz, 11-07, 0544 UTC, CW + Baudot ITA2 50/500	W9SP wkg LM7K (QSX 6791 kHz)
6993 kHz, 12-07, 0553 UTC, CW + Baudot ITA2 50/500	SFDZ wkg HXMT (QSX 5857 kHz)
8116 kHz, 12-07, 0659 UTC, CW + Baudot ITA2 50/500	PRAT wkg LKDW (QSX 7654 kHz)
8067 kHz, 14-07, 0632 UTC, CW	TI4O wkg W7AD
8097 kHz, 14-07, 0634 UTC, CW + Baudot ITA2 50/500	TI4O wkg W7AD.
	026 180 14 0630 2587 = 09587 40034 66892 25798 63084 -0644

6776 kHz, 01-07, 0624 UTC, CW + Baudot ITA2 50/500

GX7N GX7N GX7N DE TIGR TIGR K
OK ZVP SLV K
OK ZVP SLV K
BK XK QRV K
RPT K
RPT K
A HR K
OK
R 2640631 K
QTC1 ZZY ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRY
0000 0 00
004 130 1 0620 1234 =
34567 67543 64567 76547 76548 67458 63457 14325 75689 75640
53645 74563 37456 34567 65423 31245 64539 56734 64367 54319
56436 46239 62345 57643 356X9 (incomplete message)

CFM NIL K

5897 kHz, 01-07, 0622 UTC, CW

VVV TIGR TIGR TIGR DE GX7N GX7N K
TIGR TIGR
QSA3 QSA? K
QTC1 ZZC K
RPT K
NAY

RYRYRYRYRYRYRYRYRYRYRY
284 101 01 0620 4573
264 101 01 0620 8391 =
264 101 01 0620 8391 =
91892 40783 14341 65003 89459 45177 26825 26516 04048 12512
82159 29537 47349 16589 19335 36780 99226 34509 44688 51629
55880 53644 83507 16166 01181 15489 33444 69754 33986 79208
03111 25763 61835 29726 35024 61502 30544 86954 24607 35809
53478 03963 39504 99286 92075 90003 97854 66982 43196 79529 =50=
31248 75095 50245 82172 51693 26298 14150 94623 37383 16624
00769 00741 88693 61843 38296 60244 84483 38533 71350 63168
62811 47116 97070 97880 29152 24552 54435 59460 74946 87355
40255 67135 19984 46604 67853 65200 94239 89913 65456 01261
82099 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=
36846

CFM NIL QRU? K
OK SLV K
SK
BK QRV K
K K K
R 0040635 K
SK

6776 kHz, 02-07, 0624 UTC, CW + Baudot ITA2 50/500

GX7N GX7N GX7N DE TIGR TIGR K
QSA4 QSA? K
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRYRYYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
548 110 02 0620 5429 =
548 110 02 0620 5429 =
98670 76458 76450 64520 42210 65242 64527 65422 67524 74562
74569 76542 65268 52672 45629 65247 42216 14522 56724 75624
75246 76524 76542 42210 76245 22165 64252 87654 12452 65240
12425 24126 21240 41229 24512 54289 12420 24125 45262 42215
65240 21245 54122 15422 12245 42120 12120 45262 65224 24120 =50=
26754 26457 56240 65422 42120 54212 ___12 65240 65242 42129
54221 24120 76524 24210 65224 51420 65224 65497 76452 56240
65242 42165 12425 65248 64527 64522 22109 67452 78905 42120
42256 69472 76245 47256 64758 24152 60_78 67807 84675 76245
72645 12428 62452 67450 24120 54220 65247 21240 64520 65240 =100=
76524 42126 54212 65224 75649054212 42219 42127 41225 24217

QTC EEEEE CFM NIL QRU? K
OK ZVP SLD K
BK BK QRV K
R K
R 286 0632 K
NIL K

5897 kHz, 02-07, 0622 UTC, CW + Baudot ITA2 50/500

VVV TIGR TIGR TIGR DE GX7N GX7N K
QSA3 QRU? K
OK SLV K
ZVP K
ZVP K
DE ITK SCIT K
QRU K
RPT
RPT PBL K
K
R 5480626 K
R 5480626 K
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRYRYYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
286 101 02 0620 1926 =
91892 40782 14241 65002 89459 45177 26825 26516 04048 12512
82159 29517 47249 16589 19225 26780 99226 24509 44688 51629
55880 52644 82507 16166 01181 15489 22444 69754 22986 79208
02111 25762 61825 29726 25024 61502 20544 86954 24607 25809
52478 02962 29504 99286 92075 90002 97854 66982 42196 79529 =50=
21248 75095 50245 82172 51692 26298 14150 94622 27282 16624

00769 00741 88692 61842 28296 60244 84482 28522 71250 62168
62811 47182 59707 05788 25152 24552 54425 59460 74946 87255
40255 67125 49984 46604 67852 65200 94229 89912 65456 01261
82099 25467 75199 29041 52817 62008 29228 46294 27461 47184 =100=
26846
CFM NIL SK

CFM NIL K
CFM NIL K
SK

6776 kHz, 04-07, 0620 UTC, CW + Baudot ITA2 50/500

GX7N GX7N GX7N DE TIGR TIGR K
QSA3 QSA? K
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
125 101 0610
115 101 4 0610 1539 =
115 101 04 0610 1539 =
62356 76369 61751 85040 53890 10535 69895 69315 47714 11116
49148 36999 65147 83614 15408 81115 09713 75986 15419 10493
90051 03338 13787 05516 13175 10779 18143 34897 60350 08750
39348 09976 81405 95974 96411 64941 99146 14501 31493 98895
58391 78664 88314 13965 11670 16817 67598 96665 16568 99308 =50=
83970 08800 66738 65641 37705 50481 19546 74466 71347 31099
15695 36797 01658 15481 05551 18630 56535 06406 10095 01049
34781 93078 13498 10760 37156 95901 05576 98906 74134 95661
81008 69571 68747 53645 43056 46105 58860 74941 11107 95171
81608 14766 14610 89676 80710 61781 88548 39417 04187 36806 =100=
38811

CFM NIL QRU? K
ZVP SLV K
RPT K
RPT K
BK BK QRV K
RK
R 2950633 K
R 50633 k

5897 kHz, 04-07, 0620 UTC, CW + Baudot ITA2 50/500

VVV TIGR TIGR TIGR DE GX7N GX7N K
QSA3 QSA? K
OK SLV K
RPT PBL K
K
R 123 0627 k
QTC1 ZRH SLD K

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
295 101 04 0610 1517 =
91892 40783 14341 65003 89459 45177 26825 26516 04048 12512
82159 29537 47349 16589 19335 36780 99226 34509 44688 51629
55880 53644 83507 16166 01181 15489 33444 69754 33986 79208
03111 25763 61835 29726 35024 61502 30544 86954 24607 35809
53478 03963 39504 99286 92075 90003 97854 66982 43196 79529 =50=
31248 75095 50245 82172 51693 26298 14150 94623 37383 16624

00769 00741 88693 61843 38296 60244 84483 38533 71350 63168
62811 47116 97070 97880 29152 24552 54435 59460 74946 87355
40255 67135 19984 46604 67853 65200 94239 89913 65456 01261
82099 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=
36846

CFM NIL SK

6776 kHz, 05-07, 0627 UTC, CW + Baudot ITA2 50/500. QSX 5897 kHz

Very weak. They clearly had problems to hear each other as well.
GX7N GX7N GX7N DE TIGR TIGR K
QSA3 QRU? K
OK ZVP SLV K
BK BK QRV K
RPT PBL K
RPT K
RPT PBL K
RPT PBL K
ZTH PBL K
Z6 PBL K
Z6 PBL K
QTH PBL K
RPT K
RPT K
BK BK R 300 630636 K
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
190 100 05 0620 1543 =
190 100 05 0621 1543 =
RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
190 100 05 0620 1543
190 100 05 0620 1543 =

23654 12654 65437 35687 24568 35689 35689 54671824085 43586
98643 23463 14567 25436 21468 21467 23642 12356 21532 15743
15375 14679 43567 16457 25497 0954 (incomplete message)
190 100 05 0620 1543 =
190 100 05 0620 1543 =
190 100 05 0620 1543 =
190 100 05 0620 1543 =

NW = 190 100 05 0620 1453 =
NW = 190 100 05 0620 1453 =
K
CFM NIL K
CFM NIL K
CFM NIL K
SK

5897 kHz, 05-07, 0618 UTC, CW + Baudot ITA2 50/500. QSX 6776 kHz

VVV TIGR TIGR TIGR DE GX7N GX7N K
VVV TIGR TIGR TIGR DE GX7N GX7N K
VVV TIGR TIGR TIGR DE GX7N GX7N K
VVV TIGR TIGR TIGR DE GX7N GX7N K
VVV TIGR TIGR TIGR DE GX7N GX7N K
VVV TIGR TIGR TIGR DE GX7N GX7N K
QSA3 QSA? K

QTC1 ZZC K

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
300 101 05 0620 3568 =
300 101 05 0620 3568
300 101 05 0620 3568
300 101 05 0620 3568 =
300 101 05 0620 3568 =
RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
300 101 05 0620 3568 =

NW = 300 101 05 0620 3568 K
NW = 300 101
CFM NIL QRU? K
OK SLD K
BK QRV K
RPT K
ZVP K
COR K
ZVP K
ZVP K
BK BK BK RPT PBL K
RPT K
RPT K
ZTH PBL K
RPT K
R 1900645 K
RPT K
NIL SK

5857 kHz, 06-07, 0550 UTC, CW + Baudot ITA2 50/500. QSX 6993 kHz

HXMT QTC 1 ZZC ZVP

269 101 06 0550 2517=
91892 40783 14341 65003 89459 451770=605 26516 04048 12512
8219 29537 47345 16589 19335 36780 99226 3450 44688 51629
55880 53644 83507 16166 01181 15489 33444 69754 33986 79208
03111 25763 61835 29726 35024 61502 30544 86954 24607 35809
53478 03963 39504 99286 92075 90003 97854 66982 43196 79529 =50=
31248 75095 50245 82172 51693 26298 14150 94623 37383 16624
0:769 00741 88693 61843 38296 60244 84483 38533 71350 63168
62811 47183 59707 05788 25152 24552 54435 59460 74946 87355
40255 67135 49984 46604 67853 65200 94239 89913 65456 01261
82099 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=
QRU NIL SK

4531 kHz, 07-07, 1342 UTC, CW + Baudot ITA 50/500. 2UZB wkg unid station

102 90 07 1330 0808 =
09678 89567 80976 89678 96087 85679 97806 89675 09867 89765
98675 89607 98567 96780 98567 98067 98675 09868 89675 80976
89756 08976 86975 98076 95687 09876 90867 98675 89067 89675
09876 98567 09876 68957 07968 08976 98675 96807 78965 67809
98076 98765 84567 78654 98678 07896 69875 48567 69578 07896 =50=
78465 58967 06897 89678 84567 98578 90876 87965 87564 95678
98067 89756 86745 96875 86097 95678 87547 87965 90867 87956
89067 98675 67845 89675 08976 95678 87564 98657 08967 69578
89576 09876 46758 86795 07896 08976 89675 78467 80978 87647

6776 kHz, 08-07, 0622 UTC, CW + Baudot ITA2 50/500. QSX 5897 kHz

GX7N GX7N GX7N DE TIGR TIGR K
GX7N GX7N GX7N DE TIGR TIGR K
QSA3 QSA? K
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRY
431 120 08 0620 7129 =
65437 43125 76345 76534 76435 76453 32645 42356 78956 43127
65234 65342 87465 87645 76458 76876 75645 65243 65477 67450
86709 65740 76540 76541 76854 65347 76534 76354 13246 67540
64583 43256 67354 56473 76548 46857 76453 43256 43128 73654
65436 76345 34126 54312 54231 76458 67547 76354 43127 56234 =50=
65423 67845 43125 43128 56734 41237 65438 12345 87069 08764
62345 54312 56437 54312 67534 43128 65476 76534 64578 64750
73456 76345 31209 64365 43210 62508 45623 34125 54130 56234
65436 65347 76540 43506 65423 65432 24563 43120 64523 54312
65436 43210 32410 65430 56430 45604 51342 43120 65340 42356 =100=
64352 65428 34210 62345 34251 45320 65436 56474 43562 43210
65432 65430 76543 43215 65734 76359 76534 43129 65430 56473

CFM NIL QRU? K
CFM NIL QRU? K
OK ZVP SLV K
BK BK QRV K
QRV K
RPT K
RK
R 3370637 K
SK

5897 kHz, 08-07, 0622 UTC, CW+ Baudot ITA2 50/500. QSX 6776 kHz

TIGR TIGR TIGR DE GX7N GX7N K
QSA4 QSA? K
BK QRV K
R 4310632 K
QTC1 ZZC SLD K

RYRYRYRYRYRYRYRYRYRYRY
337 101 08 0620 91184 =
337 101 08 0620 9174 =
91892 40783 14341 65003 89459 45177 26825 26516 04048 12512
82159 29537 47349 16589 19335 36780 99226 34509 44688 51629
55880 53644 83507 16166 01181 15489 33444 69754 33986 79208
03111 25763 61835 29726 35024 61502 30544 86954 24607 35809
53478 03963 39504 99286 92075 90003 97854 66982 43196 79529 =50=
31248 75095 50245 82172 51693 26298 14150 94623 37383 16624
00769 00741 88693 61843 38296 60244 84483 38533 71350 63168
62811 47116 97070 97880 29152 24552 54435 59460 74946 87355
40255 67135 19984 46604 67853 65200 94239 89913 65456 01261
82099 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=
36846

CFM NIL SK

6776 kHz, 09-07, 0624 UTC, CW + Baudot ITA2 50/500. QSX 5897 kHz

VVV GX7N GX7N GX7N DE TIGR TIGR K
QSA3 QSA? K
ZVP SLV K
BK QRV K
R 3320624 K
QTC1 ZZC ZVP SLK K

RYRYRYRYRYRYRYRYRYRYRYRYRY
763 104 09 0620 7491 =
763 104 09 0620 7491 =
RYRYRYRYRYRYRYRYRYRYRYRYRY
763 104 09 0620 7491 =
36518 48910 78503 96025 05781 94601 76932 08682 69053 20568
67350 87297 07649 09277 46053 99472 07835 98569 76930 85608
54289 64985 09729 97956 87684 08788 56438 56987 78743 98834
65683 98461 54628 09704 76024 67649 98543 55731 70398 90854
55631 57864 05454 56631 11870 87964 65879 98035 65389 95767 =50=
67640 78487 90453 65810 93655 78501 56731 90453 95741 94773
76831 88740 83309 22385 89758 78954 46577 96876 95476 68310
36588 65821 02267 65936 75852 88106 32860 09876 66091 76539
64864 66895 65785 98430 65989 09453 65987 98320 98065 66812
54509 67543 98970 87054 66831 06855 87896 99015 76994 04879 =100=
79046 87934 00964 66878

CFM NIL K
SK

5897 kHz, 09-07, 0622 UTC, CW + Baudot ITA2 50/500. QSX 6776 kHz

VVV TIGR TIGR TIGR DE GX7N GX7N K
QTC1 ZZC K

RYRYRYRYRYRYRYRYRYRYRYRYRY
342 101 09 0620 1267=
91892 40783 14341 65003 89459 45177 26825 26516 04048 12512
82159 29537 47349 16589 19335 36780 99226 34509 44688 51629
55880 53644 83507 16166 01181 15489 33444 69754 33986 79208
03111 25763 61835 29726 35024 61502 30544 86954 24607 35809
53478 03963 39504 99286 92075 90003 97854 66982 43196 79529 =50=
31248 75095 50245 82172 51693 26298 14150 94623 37383 16624
00769 00741 88693 61843 38296 60244 84483 38533 71350 63168
62811 47116 97070 97880 29152 24552 54435 59460 74946 87355
40255 67135 19984 46604 67853 65200 94239 89913 65456 01261
82099 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=
36846

CFM NIL QRU? K
OK QRV K
RPT K
ZVP K
BK QRV K
K
R 7730629 K
NIL SK

6993 kHz, 08-07, 0548 UTC, CW + Baudot ITA2 50/500. SFDZ wkg HXMT. QSX 5857 kHz

RYRYRYRYRYRYRYRYRY
055 105 9 0535 2963 =
84540 03573 85502 59545 06043 32895 83318 97291 35368 78521
90459 44651 12553 98427 70416 13436 60596 71956 92977 04524
15475 64358 91252 781=3 28003 54931 61544 00474 50459 08190
74798 86045 03467 51359 01676 39600 89079 46379 89392 85035
43153 44946 55014 02752 47232 35193 61774 86218 78031 50862 =50=
77270 18160 48299 18378 14031 93899 69008 51325 86414 32359
34149 74570 60407 91634 69573 17411 36328 29951 21587 55240
96439 12757 92369 84453 86845 07151 65329 93098 10611 47395
45738 25447 49441 56288 37204 30068 01466 89177 39254 60895
42073 64133 98282 29016 49224 70916 61313 47517 08053 28188 =100=
77440 00834 51395 05235 83890 - 0557

QRU NIL SK

5425 kHz, 09-07, 1435 UTC, CW + Baudot ITA2 50/500. K5LW wkg F8IR. Duplex

447 124 9 1430 5544 =
447 124 9 1430 5544 =
83073 7239 39469 33582 11519 71670 75130 40227 76090 41760
96027 65637 25477 76277 58492 348958165 06289 93449 60487
85696 91882 81043 41286 35703 35644 64206 17233 65351 98072
8055 40931 98696 12944 69116 18806 93211 13367 50790 99048
03739 63858 61079 00553 51114 29805 79969 53268 85396 6137$ =50=
41922 08205 26028 64623 75004 91090 30733 58136 65299 20273
18963 9558 4645=)81793 23856 91771 77994 25156 18759 55301
26626 04396 83194 32353 76170 79324 53755 53113 22591 85057
90560 00397 01322 46430 03290 11425 28107 92207 74704 24664
39845 61368 75404 00547 65651 05208 91229 63301 31140 29740 =100=
97060 92861 78801 01923 10136 69453 04836 38054 87102 01692
21003 56290 08315 5011 35187 63103 51868 81856 84967 32625
38418 72675 15430 00714 -1440 K

QRU NIL SK

6776 kHz, 10-07, 0621 UTC, CW + Baudot ITA2 50/500. QSX 5897 kHz

VVV GX7N GX7N GX7N DE TIGR TIGR K
QSA4 QSA? K
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
066 140 10 0620 4589 =
67458 67453 87698 31424 43125 54321 67458 76485 56436 78560
65423 31243 86745 74657 53466 63452 13254 36547 65473 65409
41235 53426 13427 34127 67453 76850 43127 67345 31249 65470
43215 65347 65734 67545 56234 34126 64523 56438 41235 76859
62345 67458 12345 43124 34124 13452 12345 63574 67458 65734 =50=
63452 67345 76354 41326 73456 78956 13246 32415 76459 64538
51234 76354 76547 65423 65347 64536 36754 31424 23144 41345
52347 65348 67456 63754 76459 89678 76565 76534 67534 76543
65345 67547 76543 24536 25465 24536 65246 64538 56347 43128
65342 76898 76455 65346 65734 45328 67534 64579 65346 64359 =100=
64523 65432 13427 65437 65438 67549 76543 34126 45369 65734
41352 65437 65423 34567 34125 46258 56347 56347 56734 76345
63452 78654 76453 65423 13248 76567 67534 67589 41329 67349
65432 64536 65435 65347 67534 65432 65432 76548 65423 43125

CFM NIL QRU? K
OK ZVP SLV K
BK BK QRV K
K K
R 3460631 K
R 3406 00
NIL SK

5897 kHz, 10-07, 0621 UTC, CW + Baudot ITA2 50/500. QSX 6776 kHz

VVV TIGR TIGR TIGR DE GX7N GX7N K

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
347 101 10 0620 8745 =
91892 40783 14341 65003 89459 45177 26825 26516 04048 12512
82159 29537 47349 16589 19335 36780 99226 34509 44688 51629
Stopped. Nothing further. Heavy interference from another station.

6776 05-07-2020 0620 M42b CW + Baudot ITA2 50/500 (AB)
VVV GX7N GX7N GX7N DE TIGR TIGR K
QSA4 QSA? K
QSA
OK ZVP SLV K
BK BK BK BK BK QRV K
RK
R 3560624 K
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
989 102 12 0620 5873 =
14564 46584 76456 45768 14248 67853 18954 97641 14680 58432
54674 67455 46756 76545 76546 34564 12345 76589 74567 86758
76545 46756 64756 47656 67576 75646 56347 46576 78956 34125
56756 43524 67589 31244 64576 56347 78967 12345 67854 12309
67545 23437 12344 56476 34567 78968 65476 63547 12344 76549 =50=
65744 34564 65437 12344 78676 12345 09787 64576 65437 21349
31244 65431 67585 12338 76545 97868 64565 12343 89734 12347
64574 13289 64512 64578 12358 12345 78697 46531 45678 98760
63453 34125 76545 34127 76897 31254 78695 32187 65348 45639
76454 13256 67890 12367 67890 45635 12346 56347 75647 23419 =100=
53478 23108
CFM NIL K
SK

CFM NIL K
CFM NIL K

5421 kHz, 12-07, 0448 UTC, CW + Baudot ITA2 50/500. UOZG wkg WDAK (QSX 5903 kHz)

Message i.p.
30544 86954 24607 35809
53478 03963 39504 99286 92075 90003 97854 66982 43196 79529 =50=
31248 75095 50245 82172 51693 26298 14150 94623 37383 16624
00769 00741 88693 61843 38296 60244 84483 38533 71350 63168
62811 47183 59707 05788 25152 24552 54435 59460 74946 87355
40255 67135 49984 46604 67853 65200 94239 89913 65456 01261
82099 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=
36846
CFM NIL K

5903 kHz, 12-07, 0448 UTC, CW + Baudot ITA2 50/500. UOZG wkg WDAK (QSX 5421 kHz)

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
390 111 12 0445 9871 =
49236 23133 81917 37416 23102 19078 94617 65295 81960 98466
50398 82173 83397 76885 84255 60880 69259 93903 38219 26998
18194 27941 45265 96721 12688 83412 03943 28253 18785 44682
07071 42163 51443 8240 62302 23559 45453 91813 27115 41447
28928 03865 83318 15009 23434 29691 78063 12401 06734 18047 =50=
29796 74254 99060 30417 22581 79080 58859 63561 37253 92749
98947 73741 92817 69238 59016 83591 96536 94842 95419 74210
33687 99366 22235 31020 82651 31699 18222 16469 56903 35171
82500 01658 47812 44503 53009 22898 45202 25196 14146 61812
79923 20144 48627 48093 06362 05946 87770 54925 98336 66124 =100=
46328 16783 56807 23416 52696 24271 52833 98331 10491 75103
54231 -0451

QRU NIL SK

6776 kHz, 13-07, 0620 UTC, CW + Baudot ITA2 50/500. QSX 5897 kHz

VVV GX7N GX7N GX7N DE TIGR TIGR K
QSA3 QRU? K
ZVP SLV K
BK BK QRV K
K
R 3620623
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRYRYRYRY
115 110 13 0620 3489 =
98670 76458 76450 64530 42310 65342 64537 65432 67534 74563
74569 76543 65342 45673 45639 65347 42316 14532 56734 75634
75346 76534 76543 43210 76345 23165 64352 87654 13452 65340
13425 34126 31240 41239 34512 54389 13420 34125 45362 43215
65340 31245 54132 15423 13245 43120 43120 45263 65234 34120 =50=
36754 36457 56340 65432 43120 54312 34512 65340 65243 43129
54231 34120 76534 34210 65234 51430 65234 65497 76453 56340
65342 43165 13425 65348 64537 64523 23109 67453 78905 43120
42356 65473 76345 47356 64758 34152 60978 67807 84675 76345
73645 13428 63452 67450 34120 54320 65347 31240 64530 65340 =100=
76534 43126 54312 65234 75649 54312 42319 43127 41325 34217

CFM NIL K
RK

5897 kHz, 13-07, 0618 UTC, CW + Baudot ITA2 50/500. QSX 6776 kHz

TIGR TIGR TIGR DE GX7N GX7N K
QSA2 QSA? K
QTC1 ZZC K
OK ZVP K

RYRYRYRYRYRYRYRYRY
361 101 13 0620 1267 =
91892 40783 14341 65003 89459 45177 26825 26516 04048 12512
82159 29537 47349 16589 19335 36780 99226 34509 44688 51629
55880 53644 83507 16166 01181 15489 33444 69754 33986 79208
03111 25763 61835 29726 35024 61502 30544 86954 24607 35809
53478 03963 39504 99286 92075 90003 97854 66982 43196 79529 =50=
31248 75095 50245 82172 51693 26298 14150 94623 37383 16624

00769 00741 88693 61843 38296 60244 84483 38533 71350 63168
62811 47183 59707 05788 25152 24552 54435 59460 74946 87355
40255 67135 49984 46604 67853 65200 94239 89913 65456 01261
82099 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=
36846

CFM NIL QRU? K
SK QRV K
K K
R 11571700
RPT K
RPT K
BK SK

5897 kHz, 14-07, 0619 UTC, CW + Baudot ITA2 50/500

VVV TIGR TIGR TIGR DE GX7N GX7N K
QSA3 QSA? K
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRY
365 101 14 0620 3791 =
91892 40783 14341 65003 89459 45177 26825 26516 04048 12512
82159 29537 47349 16589 19335 36780 99226 34509 44688 51629
55880 53644 83507 16166 01181 15489 33444 69754 33986 79208
03111 25763 61835 29726 35024 61502 30544 86954 24607 35809
53478 03963 39504 99286 92075 90003 97854 66982 43196 79529 =50=
31248 75095 50245 82172 51693 26298 14150 94623 37383 16624
00769 00741 88693 61843 38296 60244 84483 38533 71350 63168
62811 47116 97070 97880 29152 24552 54435 59460 74946 87355
40255 67135 19984 46604 67853 65200 94239 89913 65456 01261
82099 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=
36846

CFM NIL QRU? K
OK ZVP SLV K
K K BK QRV K
K
R 7490628 K
R 7490628 K
BK SK

6776 kHz, 15-07, 0620 UTC, CW + Baudot ITA2 50/500

GX7N GX7N GX7N DE TIGR TIGR K
QSA3 QRU? K
OK ZVP SLV K
BK BK QRU K
RPT K
K K
R 4700625 K
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRY
649 100 15 0620 5460 =
12390 43215 249_0 45890 54875 43218 59043 21556 21580 32149
92909 86091 17241 21580 32158 43215 21580 21580 21589 21577
21590 32189 21587 69854 57902 21580 32189 21578 43790 21578
25098 54318 21570 32168 32109 43218 21570 21580 32158 21580
12450 43215 53215 53210 43215 21503 21534 21598 53215 32156 =50=

54321 24509 32195 34096 43215 53421 53213 32156 32153 32159
50981 23590 32153 21532 32160 32164 53216 53212 53215 32105
21509 23609 32159 32159 43215 32156 32156 65432 12534 32150
32150 32123 42153 43215 32156 32153 32153 32065 53202 21456
50984 43215 43215 59043 32890 32158 53215 59860 43215 43901 =100=

CFM NIL K
CFM NIL K
SK

6776 kHz, 16-07, 0619 UTC, CW + Baudot ITA2 50/500. QSX 5897 kHz

VVV GX7N GX7N GX7N DE TIGR TIGR K
QSA4 QRU? K
OK ZVP SLV K
BK BK QRV K
K
R 3740623 K
R 3074063
QTC1 ZZC ZVL SLD K

RYRYRYRYRYRYRYRYRYRYRYRYRY
101 100 16 0620 5690 =
23654 12654 65437 35687 24568 35689 35689 54678 24085 43586
98643 23463 14567 25436 21468 21467 23642 12356 21532 15743
15375 14679 43567 66457 25497 09543 58692 54371 67921 12647
12764 36549 58431 26543 26897 46843 32571 43896 49867 40875
35821 25794 24560 74216 35875 35217 43761 23679 21567 24689 =50=
45871 29412 24781 23654 09746 00732 24975 24756 45872 34245
23478 23578 21457 23589 21573 42156 58391 25907 21458 47901
25789 21579 21564 21568 21564 25679 21647 26987 56901 43217
81423 87462 21594 56893 53268 47925 37589 16406 48690
(incomplete message)

CFM NIL K
SK

5897 kHz, 16-07, 0620 UTC, CW + Baudot ITA2 50/500. QSX 6776 kHz

VVV TIGR TIGR TIGR DE GX7N GX7N K
QSA3 QSA? K
QTC1 ZZC K

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
374 101 16 0620 8391 =
91892 40783 14341 65003 89459 45177 26825 26516 04048 12512
82159 29537 47349 16589 19335 36780 99226 34509 44688 51629
55880 53644 83507 16166 01181 15489 33444 69754 33986 79208
03111 25763 61835 29726 35024 61502 30544 86954 24607 35809
53478 03963 39504 99286 92075 90003 97854 66982 43196 79529 =50=
31248 75095 50245 82172 51693 26298 14150 94623 37383 16624
00769 00741 88693 61843 38296 60244 84483 38533 71350 63168
62811 47183 59707 05788 25152 24552 54435 59460 74946 87355
40255 67135 49984 46604 67852 65200 94239 89913 65456 01261
82099 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=
36846

CFM NIL QRU? K
ZVP K
BK QRV K

BK
R 1010626 K
R 1010626 K
SK

8067 kHz, 14-08, 0632 UTC, CW. TI4O wkg W7AD
8097 kHz, 14-08, 0634 UTC, CW + Baudot ITA2 50/500. TI4O wkg W7AD

RYRYRYRYRYRYRYRYRYRYRYRYRYRY
026 180 14 0630 2587=
09587 40034 66892 25797 93403 34198 02886 06196 93749 87602
60598 05163 52086 72690 80114 61804 90485 00232 62117 76225
38942 98274 57753 47247 04617 95178 43175 77662 91073 86137
55172 55816 50031 37240 02359 45988 24481 59352 92681 45037
56070 17908 29755 41663 94361 21327 42381 55852 20795 17330 =50=
08713 52265 58553 87623 63001 60512 20401 94642 19255 76852
46005 12900 32758 53315 39557 48424 17768 23630 91396 47142
88356 67585 66683 35773 61625 23138 74913 26599 94478 28823
10404 05554 56383 83962 97326 21064 27352 22187 81815 43474
02200 24264 34350 19962 53483 65283 94389 31229 18206 48201 =100=
41098 08264 68121 02745 98880 86999 72082 94886 02421 32629
87498 31247 20085 11915 21001 75659 30821 57418 21740 63261
37819 07791 02500 43171 63857 73641 41260 21822 27924 39617
81141 57222 42205 37189 44686 40982 34591 08374 53256 23658
49837 85183 93491 34072 51004 78974 86353 90223 86320 03563 =150=
14845 72822 21399 41278 65671 99066 20730 02798 13628 25672
87414 71734 22924 81529 98539 72358 27157 27725 60784 28102
99604 13954 52062 88560 95427 44274 54922 66855 25798 63084 -
0644

6776 kHz, 19-07, 0620 UTC, CW + Baudot ITA2 50/500

VVV GX7N GX7N GX7N DE TIGR TIGR K
QS4 QRU? K
OK ZVP SLV OK ZVP SLV K
BK BK QRV K
K
R 3790623 K
QTC1 ZZC K
RPT K
RPT K

RYRYRYRYRYRYRYRYRYRYRY
348 104 19 0620 4896 =
348 104 19 0620 4896 =
36518 48910 78503 96025 05781 94601 76932 08682 69053 20568
67350 87297 07649 09277 46053 99472 07835 98569 76930 85608
54289 64985 09729 97956 87684 08788 56438 56987 78743 98834
65683 98461 54628 09704 76024 67649 98543 55731 70398 90854
55631 57864 05454 56631 11870 87964 65879 98035 65389 95767 =50=
67640 78487 90453 65810 93655 78501 56731 90453 95741 94773
76831 88740 83309 22385 89758 78954 46577 96876 95476 68310
36588 65821 02267 65936 75852 88106 32860 09876 66091 76539
64864 66895 65785 98430 65989 09453 65987 98320 98065 66812
54509 67543 98970 87054 66831 06855 87896 99015 76994 04879 =100=
79046 87934 00964 66878

CFM NIL K SK

5897 kHz, 19-07, 0620 UTC, CW + Baudot ITA2 50/500

TIGR TIGR TIGR DE GX7N GX7N K
QSA3 QSA? K
QTC1 ZZC QTC ZZP K

RYRYRYRYRYRYRYRYRYRYRYRY
389 101 19 0620 8391 =
91892 40783 14341 65003 89459 45177 26825 26516 04048 12512
82159 29537 47349 16589 19335 36780 99226 34509 44688 51629
55880 53644 83507 16166 01181 15489 33444 69754 33986 79208
03111 25763 61835 29726 35024 61502 30544 86954 24607 35809
53478 03963 39504 99286 92075 90003 97854 66982 43196 79529 =50=
31248 75095 50245 12172 51693 26298 14150 94623 37383 16624
00769 00741 88693 61843 38296 60244 84483 38533 71350 63168
62811 47183 59707 05788 25152 24552 54435 59460 74946 87355
40255 67135 49984 46604 67853 65200 94239 89913 65456 01261
82099 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=
36846

CFM NIL QRU? K
ZVP
BK QRV K
RPT PBL K K
R 3480628 K
SK

6776 kHz, 20-07, 0619 UTC, CW

GX7N GX7N GX7N DE TIGR TIGR K
VVV (nothing else heard)

5897 kHz, 20-07, 0619 UTC, CW + Baudot ITA2 50/500. Apparently a bad connection

VVV TIGR TIGR TIGR DE GX7N GX7N K
QSA2 QSY 54319 QSY 53319 K
TIGR TIGR TIGR DE GX7N GX7N QSA2 QSY 54319 QSY 53319 K
TIGR TIGR TIGR DE GX7N GX7N QSA2 QSY 53319 QSY 53319 K
TIGR TIGR TIGR DE GX7N GX7N QSA2 QSY 53319 QSY 53319 K
TIGR TI
TIGR TIGR TIGR DE GX7N GX7N QSA2 QSY 53319 QSY 53319 K
TIGR TIGR TIGR DE GX7N GX7N QSA2 QSY 1 QSY 53038 QSY 53038 K
QSA1 QSY 43038 QSY 53038 K
TIGR TIGR TIGR DE GX7N GX7N QSA1 QSY 53038 QSY 53038 K
TIGR TIGR TIGR DE GX7N GX7N QSA1 QSY 53038 QSY 53038 K
TIGR TIGR TIGR DE GX7N GX7N QSA1 QSY 53038 QSY 53038 K
BK BK QSA3 QSA? K
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY (4.5 minutes)

TIGR TIGR TIGR DE GX7N GX7N K
QRU? K
OK SLV K
BK BK QRV K
RPT K
K

394 101 20 0620 4792 =
91892 40783 14341 65003 89459 45177 26825 26516 04048 12512

82159 29537 47349 16589 19335 36780 99226 34509 44688 51629
55880 53644 83507 16166 01181 15489 33444 69754 33986 79208
03111 25763 61835 29726 35024 61502 30544 86954 24607 35809
53478 03963 39504 99286 92075 90003 97854 66982 43196 79529 =50=
31248 75095 50245 82172 51693 26298 14150 94623 37383 16624
00769 00741 88693 61843 38296 60244 84483 38533 71350 63168
62811 47116 97070 97880 29152 24552 54435 59460 74946 87355
40255 67135 19984 46604 67853 65200 94239 89913 65456 01261
82099 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=
36846

R 1 K
TIGR TIGR TIGR DE GX7N GX7N K
TIGR TIGR TIGR DE GX7N GX7N K
TIGR TIGR TIGR DE GX7N GX7N K
TIGR TIGR TIGR DE GX7N GX7N K
BK CFM NIL SK

6776 kHz, 26-07, 0620 UTC, CW + Baudot ITA2 50/500

GX7N GX7N GX7N DE TIGR TIGR K
QTC1 ZZC ZVP SL
RPT K
QTC1 ZZC ZVP SLD K
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRY
465 104 26 0620 5634 =
36518 48910 78503 96025 05781 94601 76932 08682 69053 20568
67350 87297 07649 09277 46053 99472 07835 98569 76930 85608
54289 64985 09729 97956 87684 08788 56438 56987 78743 98834
65683 98461 54628 09704 76024 67649 98543 55731 70398 90854
55631 57864 05454 56631 11870 87964 65879 98035 65389 95767 =50=
67640 78487 90453 65810 93655 78501 56731 90453 95741 94773
76831 88740 83309 22385 89758 78954 46577 96876 95476 68310
36588 65821 02267 65936 75852 88106 32860 09876 66091 76539
64864 66895 65785 98430 65989 09453 65987 98320 98065 66812
54509 67543 98970 87054 66831 06855 87896 99015 76994 04879 =100=
79046 87934 00964 66878

CFM NIL K
SK SK

5897 kHz, 26-07, 0620 UTC, CW + Baudot ITA2 50/500

TIGR TIGR TIGR DE GX7N GX7N K
QSA2 QSA? K
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRY
324 101 26 0626 2963 =
91892 40783 14341 65003 89459 45177 26825 26516 04048 12512
82159 29537 47349 16589 19335 36780 99226 34509 44688 51629
55880 53644 83507 16166 01181 15489 33444 69754 33986 79208
03111 25763 61835 29726 35024 61502 30544 86954 24607 35809
53478 03963 39504 99286 92075 90003 97854 66982 43196 79529 =50=
31248 75095 50245 82172 51693 26298 14150 94623 37383 16624
00769 00741 88693 61843 38296 60244 84483 38533 71350 63168
62811 47116 97070 97880 29152 24552 54435 59460 74946 87355
40255 67135 19984 46604 67853 65200 94239 89913 65456 01261

82099 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=
36846

RPT K
RPT PBL K
RPT PBL K
OK SK SK
ZVP K
K

5421 kHz, 24-07, 0448 UTC, CW + Baudot ITA2 50/500. UOZG wkg WDAK. QSX 5903 kHz

477 101 24 0445 7645
91892 40783 14341 65003 89459 45177 26825 26516 04048 12512
82159 29537 47349 16589 19335 36780 99226 34509 44688 51629
55880 53644 83507 16166 01181 15489 33444 69754 33986 79208
03111 25763 61835 29726 35024 61502 30544 86954 24607 35809
53478 03963 39504 99286 92075 90003 97854 66982 43196 79529 =50=
31248 75095 50245 82172 51693 26298 14150 94623 37383 16624
00769 00741 88693 61843 38296 60244 84483 38533 71350 63168
62811 47183 59707 05788 25152 24552 54435 59460 74946 87355
40255 67135 49984 46604 67853 65200 94239 89913 65456 01261
82099 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=

5903 kHz, 24-07, 0448 UTC, CW + Baudot ITA2 50/500. UOZG wkg WDAK. QSX 5421 kHz

Message i.p. 37496 10116 70072 60957 24084 19957 65286
66677 60043 99110 61716 74521 31296 86313 16775 48883 72067
78200 82160 51045 82475 36100 42102 84727 35037 81029 87721
62453 86273 88340 81158 26721 72362 41107 09588 15543 66723
_4467 20537 73476 03236 78511 32720 56366 63623 54688 35013 =50=
33180 60919 54770 91104 87027 28804 47531 77386 33229 53809
48847 63639 79193 39554 60026 63908 05620 65955 26116 68461
49236 23133 81917 37416 23102 19078 96616 29581 09610 98466
50398 82173 83397 76885 84255 6_880 69259 93903 38219 26498
18194 27941 45265 967_1 12688 83412 03943 28253 18_85 44682 =100=
44935 72031 -0457

F01 – FSK 200/500

14829/12214/10932 kHz, 01-07, 1840/1850/1900 UTC
Null message: 5761 00000

11141/9192/7363 kHz, 01-07, 1015/1025/1035 UTC
25711 62078 87621 61446 23932 42247 83695 67476 29942 89377
93725 34329 71830 57569 31443 21845 79743 27208 22090 47817
75521 46926 80980 24525 74160 34650 87464 72334 70524 04912
90248 90023 09751 14617 04994 86540 64779 44463 90142 03874
69456 58185 11900 85724 80634 06821 34319 71660 67720 70184
95412 21457 53093 52736 55247 99290 51851 76029 26944 72488
84301 34934 26519 04518 59644 09809 02524 46895 54292 51825
31397 59716 33246 83620 89477 15480 87979 82466 37623 65905
89270 38157 79354 76420 78397 02772 78475 58020 45169 74541
47108 51167 66192 82970 40067 41437 01847 67416 16527 11590
75369 66321 54906 59747 82528 59272 31914 38379 05279 29075
01697 93776 27877 36043 36014 10695 78862 21679 11395 91865
47361 83934 54196 27060 47143 91244 79515 31387 26870 27515
84882 57516 49970 85254 84682 11522 92583 49046 96228 27017
33008 36526 13439 77283 31088 89076 29050 30076 20980 29417

91297 74787 65741 28269 06008 76668 47161 47295 20045 37781
89294 50493 47031 69380 39119 01240 21300 05410 52756 87158
91002 11800 60706 40012 86316 71247 10511 42800 23686 48176
10305 41256 32038 63562 21683 01917 11906 34307 75315 83968
63401 56848 07759 17052 43975 39697 42899 02204 41894 14593
66451 78137 76380 80950 66974 20039 60355 63302 41817 63072
86705 86417 91453 67780 24035 97776 50623 69562 32815 92101
29738 79428 37894 17629 64966 28205 18282 68798 00461 71386
00164 95063 51138 96824 64069 80499 19476 02425 02145 73896
64741 36062 86456 74038 48104 14885 34268 99830 02063 66204
81224 99991 97624 57147 98393 81976 07682 05276 14080 64824
90012 87340 26370 85628 38345 88373 17337 14292 74936 58299
04837 56288 83080 68250 92848 48084 03001 83778 06279 74935
39562 97151 21183 65727 55232 85913 26332 44555 46733 89904
77058 43731 28828 23930 27337 07906 73668 68251 51015 43987
79145 04106 88145 96549 64691 86432 77352 53418 17945 70982
60173 11119 40747 38028 68304 54874 67880 79825 29705 32844
57010 44042 54472 29285 73243 50332 86450 66327 16761 22235
31498 89054 66954 01601 98347 13564 41497 37715 13005 42712
93805 68330 92618 79215 97302 34768 89764 90807 89951 98293
43071 07134 77465 49950 95136 53065 18656 31037 63659 48137
41343 06418 76743 26777 62275 57849 08283 59029 09482 89517
74401 76451 70510 62968 76844 32876 14981 03620 04299 54717
64891 46044 27551 60527 11115 10206 49430 54465 99525 25847
95475 23390 35195 47203 56268 92249 78085 25235 17354 17454
28690 29573 37702 22937 27051 37354 62643 08564 13593 31142
82210 85604 25207 73111 70828 18939 25035 47696 69293 80687
89376 89876 94971 44955 00160 41307 91155 78379 16423 01448
51523 06161 23232 82433 00000

11141/9192/7363 kHz, 02-07, 1015/1025/1035 UTC
30797 90941 10679 28303 55364 31695 75039 08044 18661 45643
04649 18218 94124 15760 68350 47938 26814 39782 92022 87508
47814 45958 56032 09447 48101 06145 79508 83588 22831 00967
64865 93465 21959 16708 01020 46137 68159 78632 48735 92667
27963 50414 56538 01436 47047 54373 80627 51465 85638 92193
07236 37957 14936 70823 00865 07222 60513 63235 26837 63194
03638 58735 21604 12713 76421 82515 09242 41756 11772 89125
87576 39833 34058 59566 32385 14694 01439 56674 93080 64565
35786 18502 78360 00094 01149 94371 55221 83087 00000

50927 51270 80994 49669 18345 38356 97164 88052 66949 10028
24869 03665 82326 32778 64312 11283 82090 88295 67083 59545
37918 52417 74645 42171 25419 13237 52635 88195 69033 64310
00643 29632 74124 33897 42176 70027 63476 36180 24480 02323
60362 55381 82913 49473 85397 98744 49557 26259 59334 79285
10756 45726 29009 14275 43267 18687 58625 50376 83714 19735
53543 51389 11024 18193 08792 09518 46547 97443 99463 66119
01532 11076 55196 52857 26661 49284 85926 89207 43312 13963
51092 97247 61259 25922 89491 19666 12474 12678 51961 51934
55739 50242 04084 24578 31741 84095 00000

11141/9192/7363 kHz, 03-07, 1015/1025/1035 UTC
Null message: 5761 00000

11141/9192/7363 kHz, 06-07, 1015/1025/1035 UTC
39837 19453 10981 99459 39043 62881 36504 25928 50318 37256
15083 35821 02266 96803 48868 70046 25180 96773 08031 24062
94371 78834 01483 20233 85707 17507 52772 06069 60536 13562
10850 26775 22208 45334 50372 45560 11347 13883 41258 10133
32100 42936 92159 88828 26513 19556 97552 24806 39250 86473

43126 81736 39827 22005 49159 79450 94554 68521 56575 42950
05376 95375 85359 13246 57781 07248 20023 93441 45001 33838
01813 28514 60649 61841 32341 42223 77011 95144 18331 79583
51169 54191 12160 28344 26142 50431 27899 17907 19230 96818
37515 19129 14765 40274 76951 93431 03429 27057 16746 64675
35353 36992 76895 12214 79164 47477 90644 08590 04188 13207
46883 50286 27968 72571 65853 54986 96321 16640 87835 23775
88089 81683 79514 91720 61788 51174 87713 15269 86337 78185
95167 69892 23065 64153 58047 56434 51161 54908 29899 39577
53782 39940 01705 66882 06986 65821 12739 41826 38684 99720
11916 49288 49803 03964 74310 56906 14842 07556 02546 40757
04004 85622 67728 08788 94110 82691 69621 20439 60462 40763
20748 25895 66846 18107 84100 73402 95877 09708 19162 58091
86859 05325 15899 10743 73353 46067 21450 49925 37633 65462
89160 45957 24238 25918 04678 70119 79777 86539 68782 27558
11209 63233 41644 97316 79745 67029 78190 27939 72609 31565
09280 62069 19792 65666 48357 88497 48033 91967 28295 45083
89184 57498 98082 20995 85161 27185 34081 31707 56664 96194
45509 65179 27850 82072 78855 22678 24157 82595 50904 02650
85459 10285 65062 01112 61736 39523 90675 26974 83450 27199
10018 55746 23829 92831 62649 70057 95211 69097 41814 60431
46682 58713 22592 84756 55148 58596 26462 09876 27071 37253
51986 83750 53020 76325 26293 11631 82259 12234 57049 34656
09525 38859 89605 34344 91211 57191 99009 11393 33134 82894
71566 12240 17056 47716 55634 01805 58181 55682 86355 05871
10789 80013 13992 71524 64195 11705 90566 19104 96241 95700
94487 84089 76487 15607 97855 72367 36293 12871 06129 77314
47990 51376 24839 32138 80321 63388 33050 95901 22335 37772
68239 96686 92924 36450 52291 80312 78199 50004 13291 38070
63877 28388 82813 11885 54883 47665 73379 00372 99341 98723
65778 14197 59151 08906 60945 54196 94328 32473 76069 10688
53312 70869 89632 07409 86407 08700 65064 38522 24564 76369
07687 72128 90671 75322 34661 18712 35570 26818 62599 87973
15943 30169 42548 82476 56302 41407 97012 01547 62238 08280
38731 53864 77124 22540 75864 02184 99475 75460 33305 88621
03128 27505 44786 13945 27441 28094 95475 69305 29715 46412
19752 43851 16992 99186 83836 56652 99442 86369 07980 86383
32525 70678 07890 97197 40099 61911 60076 84224 35683 91994
20820 87140 84045 91680 53434 85435 00000

11141/9192/7363 kHz, 07-07, 1015/1025/1035 UTC

04946 08568 38227 13149 90233 59846 12854 47675 20906 58781
12255 52575 06282 96963 94354 92357 18292 55995 51907 29487
37786 57777 57672 19053 71640 68800 79625 53544 20358 56876
58367 18650 00835 23750 63925 46036 53998 62028 74148 74037
91995 09857 41858 52184 64615 01800 42964 50532 49637 39333
22724 59695 96799 29420 82331 92557 80060 64579 73029 23568
37849 42901 89925 26578 06002 51435 82701 97147 73042 61403
25414 70268 12534 08662 12548 69427 72157 57853 73545 47957
24215 73691 22966 8/083 00000

72367 59117 40012 76447 24484 49387 99471 12617 91402 72831
53425 28455 12964 52552 11896 21612 90093 31535 56586 09461
28964 12194 32349 55211 15324 46793 93059 65999 48703 27186
44061 73889 91155 47314 48385 35722 10249 36885 88931 12741
20977 89694 03786 15955 56287 35000 36872 28151 20906 25410
71129 38504 08151 39707 36387 50731 84429 24056 09142 50708
71086 20022 46413 44500 78311 52844 20867 02744 70783 78409
49402 72307 69735 12340 32375 41180 21144 89659 45660 67517
84704 28457 52729 08785 23309 95995 28933 11938 97688 00699
15190 50576 95928 87093 00000

11141/9192/7363 kHz, 08-07, 1015/1025/1035 UTC

35251 54693 24318 83261 00855 72085 13920 23295 55197 84881
34379 63354 21156 27256 30563 72763 45326 07076 91197 17109
40383 86415 95181 08526 30259 76223 28687 09989 65351 81099
52763 92044 99932 55090 26103 65423 48952 54472 12682 37965
66431 98437 28943 69301 12613 73629 10222 21727 02078 43460
01096 30707 50005 48154 99349 43436 58763 06455 08237 98919
12015 54920 76736 47979 68539 85759 32478 36651 72941 69145
37035 01391 25448 70927 18268 49539 77967 01701 59402 23472
48613 58158 49538 71889 71865 42662 25269 76658 26572 71980
58102 08669 08962 11115 67368 11132 42866 93174 63304 33747
44342 11210 50005 66197 82869 92961 42917 44388 06320 94464
80581 27889 21883 73424 35292 71991 50140 28325 52372 42845
94465 14193 72754 49088 92946 70962 18543 88424 45020 25371
46255 32580 29988 52332 97427 99069 59631 06717 01268 83230
32080 61479 09051 48928 79150 13075 64936 01411 24319 40091
42902 90716 93532 26050 04476 19091 46039 82299 56957 50841
17421 31944 16816 48077 92025 40744 07953 80760 46981 05931
49508 84511 34974 38866 12913 64607 97992 02486 52864 69608
29205 89470 41914 83053 25179 52070 63360 06652 95618 19531
42120 33427 22800 64054 18286 34231 87912 01237 93044 06079
06478 35903 01640 55737 40037 89306 93082 17003 76295 68601
21279 25108 94911 64539 77278 96698 61121 88335 17317 88810
14378 83617 66353 35292 44202 74424 01776 84095 70420 35165
46976 83901 69996 93496 29477 93479 17620 02048 83288 12255
32261 39922 00199 55492 46866 29933 59675 22557 43386 82489
92066 31669 20323 02090 54792 19607 84983 17339 26208 29788
87632 20447 46836 37164 39719 27138 62646 83369 83381 92896
50071 20566 04402 46515 27452 87411 05810 26849 82597 65598
84316 33739 71140 90388 76770 29034 65382 13606 68815 48643
58318 42487 82945 11563 52524 02866 88145 36813 88586 00102
98297 04226 92783 76202 51544 20010 48682 86576 87793 73049
22353 44852 66566 92852 95884 09198 92352 45104 88883 08585
39678 25750 72656 32435 95066 39554 06752 32070 58085 74073
52548 07434 68655 04966 43591 77489 52825 93595 17343 57758
04183 62858 38060 93412 43101 62163 65456 21383 21011 57514
48867 59904 61866 07629 51582 48935 58017 12027 35045 89900
62660 42032 57597 58185 46053 90613 67472 86820 07698 02027
94702 44793 61654 67162 71648 58434 37200 95562 36826 49297
62001 00040 01718 86983 19987 54815 85269 80354 01132 13149
45740 55544 85305 95362 64608 94239 27403 83227 62216 30645
35922 81618 49839 30580 62198 33408 47863 01138 42455 98509
24776 04352 59890 33021 36632 88415 00000

11141/9192/7363 kHz, 09-07, 1015/1025/1035 UTC

00527 29453 21631 45352 28750 47727 67829 95723 03563 66952
41604 12119 19533 98707 69576 46272 03468 92730 53914 51485
09161 29387 28458 31989 07935 91151 09858 67399 54679 11529
35924 73208 34060 24852 08370 83249 16588 65394 82136 65074
79247 89241 68485 04171 70354 17350 44055 17973 23350 23240
83049 85592 49194 13743 54773 04208 62073 76271 53676 08052
18089 91011 54106 10936 71622 31508 06962 58243 79065 02057
20422 99339 04599 85357 91945 16323 07714 98856 83732 70063
17152 89081 00000

37753 62610 27232 95883 11224 95136 09761 78225 22479 04506
98929 19954 31936 62801 80128 47905 48170 59852 12248 80232
55475 59771 04109 77325 12217 11495 60916 42828 99682 11768
92924 35696 26101 43998 03489 79223 15532 41442 98702 77976
36297 48130 85806 78584 48659 75993 52552 35303 76419 81611
44708 66314 32133 11035 83904 11672 50621 86102 92989 28857

10476 30709 21100 86862 48239 60447 85617 44751 94942 84061
73219 25625 89700 90167 67187 21939 50041 17650 93176 93105
03663 33201 00636 41316 11304 64416 22048 76525 35415 61898
77202 90091 00000

11141/9192/7363 kHz, 10-07, 1015/1025/1035 UTC
Null message: 5761 00000

11141/9192/7363 kHz, 13-07, 1015/1025/1035 UTC
23240 85460 78865 92470 93819 94257 25286 51494 97260 21727
57204 00266 68569 23246 28251 65610 10208 27799 41711 30826
48018 86352 36188 82748 60296 85965 99877 01882 22193 40551
68144 69033 32637 94242 84089 86886 15966 98288 26789 39960
15448 47429 36899 41376 20890 86668 94312 39886 97513 24413
27550 85590 08286 12877 59580 56873 46899 81724 19750 43342
23577 35865 76522 19196 70907 53343 70694 37129 61874 44276
53792 34543 57291 56748 61338 39505 24814 40628 75655 03555
96717 05227 57922 80697 58643 31741 54145 76038 86473 26427
04746 12470 73555 25420 12456 88870 15430 87164 48188 28245
44276 33378 99594 39236 30251 24476 91982 39467 91900 80423
36280 14121 82857 82922 83743 08224 46977 19887 92087 76052
59135 58145 32734 36109 93844 55297 93850 05097 88897 46672
58893 09342 96217 68317 65307 97093 37096 01969 73109 00136
04024 52919 98001 18156 76280 96746 88741 24310 41489 55817
53426 15407 40311 91516 64395 55165 76473 23142 96428 83974
59317 09391 77943 93593 71054 53379 59854 90231 75912 17143
31804 94446 13369 56540 40445 51292 42650 12508 89456 49159
30693 19597 25990 70748 00741 17739 43223 24607 83782 78160
53722 30668 40005 79411 13287 58231 42456 94410 99969 39830
40094 74478 77966 09402 42431 41274 01050 38224 92939 22576
35242 67035 23413 92856 05420 57788 06476 04574 95524 13465
48426 21122 57076 39402 89592 87384 05681 44553 04405 98820
10203 06130 18350 55018 04311 46061 84022 08670 75067 92708
83435 45883 08264 26267 48788 58785 95171 31299 18883 96344
30417 04833 73371 04357 55649 93467 12023 90526 28699 57917
71194 75581 22915 88434 94700 16368 86360 19550 01266 11843
15562 17567 15738 27927 23499 39244 56269 02138 06512 85115
94637 13939 39833 95864 31896 31760 56410 65213 56549 72612
88724 67745 77432 35229 78278 25113 48481 92693 82453 59055
27595 55466 33410 04680 36757 40765 28739 82419 15619 09229
58520 52137 85729 54803 98514 97780 67591 58788 24143 16054
17742 43982 24954 07521 78037 89858 24280 93591 54336 94725
33739 07827 66758 95778 97300 34993 38718 83017 04586 96307
16914 67937 78089 04323 39462 92950 64020 35861 94362 92460
81441 96465 35480 41537 09398 74791 48243 53131 16717 10365
82225 09757 64180 23177 92815 40580 33735 78512 59156 79866
64456 85486 70541 67705 99922 52696 98449 78954 76716 49448
96423 91357 08715 45987 94956 28742 46877 31164 83592 40269
19202 30986 97417 01642 80551 76478 50139 49234 27027 94310
80922 83059 54577 18597 07202 99533 66538 47343 00620 39951
59785 91949 28306 65624 44182 91415 00000

11141/9192/7363 kHz, 14-07, 1015/1025/1035 UTC
23734 17244 58810 19651 28578 20205 55103 47514 94705 59010
60559 84981 98109 82052 34311 88532 00269 67118 92216 47100
69068 44718 17278 02916 26765 56678 46328 53694 04692 48415
25177 97117 09394 18345 49403 03530 29869 72860 32973 27795
40615 60306 71881 96258 80164 82400 95004 29734 09793 06531
19339 88472 82091 27372 51825 50032 74093 51253 04950 56007
64633 01721 18286 88528 60637 69723 03199 62498 02021 56870
52869 44480 99895 85192 84842 92075 00000

58301 75993 47538 65334 02955 00584 93029 85088 61169 78608
66647 14296 31051 38563 75682 88504 60831 49014 75056 17746
52786 56974 52934 83352 91096 45905 14486 25501 23299 61782
05975 32416 50063 80670 46366 67168 02934 16234 58649 93015
14766 90630 18046 83203 12514 17222 59300 26190 87074 68532
10252 62209 19867 27907 43847 12124 70841 48292 65806 84496
57598 66584 80123 71828 80304 46986 99579 71885 72110 51797
93466 95070 79727 63091 89706 43760 03881 03706 73550 74553
54306 93081 00000

11141/9192/7363 kHz, 15-07, 1015/1025/1035 UTC
47843 37388 97413 51544 79738 71034 17240 12454 12213 68257
53703 26889 46855 63064 82094 72556 53415 85326 32407 77621
38714 74101 99706 91308 93388 80115 00301 83510 83663 93348
53397 71825 80320 56649 92939 99482 42066 51324 39306 12586
95484 65638 85556 10105 78755 82164 77921 65058 41330 44910
95213 40332 16753 92178 56854 47559 10814 66084 14199 22501
72223 34659 04855 15377 37988 87507 74671 19566 70689 90926
97094 87133 29835 13433 44568 04598 44491 57643 91683 27406
79355 59442 54743 96521 11497 40364 97446 85591 59902 24138
57372 52109 35065 53338 72946 91024 00766 67060 15597 14225
65254 25572 56756 04345 44012 92875 24427 16315 61284 13124
28983 25115 82568 41804 62888 43148 95247 17667 04042 55685
79557 86296 77416 47812 37070 11290 54681 21315 68885 33966
96511 24951 20720 67551 67252 46533 37075 36770 76634 40263
91673 98786 28234 87763 86355 06435 79352 16237 35621 99661
42008 22186 78996 36141 79739 74147 88430 96976 79881 92856
62891 28448 06029 32298 27358 05721 60359 10072 78396 29477
10504 60511 43507 91379 60666 08992 46419 69338 71652 90871
95543 38486 59527 63498 37747 08816 27563 84716 44652 25427
11182 56321 23640 92289 40571 55883 70750 05499 50663 05400
07662 06922 93162 50192 69946 94209 30320 46501 38771 48081
15120 81200 33255 62836 87591 72090 05652 91027 41917 22184
06553 38229 44027 26442 12302 68839 04374 54384 31794 08863
35564 57014 34869 56592 49549 71501 69466 37147 74048 22058
59737 61790 92895 40435 02308 77975 40008 54493 02863 21046
01649 18275 20263 03536 06679 82016 10358 03007 09486 25545
86696 34358 95275 03478 40327 17540 62415 75696 85852 76625
61515 21490 25957 31158 95933 60847 51566 65727 13395 31299
19848 88700 43415 93777 77225 16060 60207 65903 19603 41263
75767 06168 06981 77087 92820 97415 74659 80376 72324 03095
08205 95640 95201 94686 74379 78437 23002 73772 25209 84476
87183 37166 17386 35387 61686 58543 14196 97079 98497 85023
62143 31644 30892 72120 59478 08719 74038 05515 58800 87277
77653 83081 70935 03751 10395 55601 62269 27444 80679 49609
62723 69173 23618 20810 26567 54062 08746 11486 13242 94434
48245 10361 80399 23746 10346 38332 06336 77483 67578 08525
83997 31981 34592 34100 53766 37075 75200 82247 67200 03556
83359 97818 98913 31328 67753 45013 48796 89243 94687 40582
01743 82525 68961 76961 37103 68728 57427 58793 05013 08173
84902 01257 11812 59786 57140 63657 81736 58298 90532 16705
87062 33715 53245 66921 63894 59015 47459 86617 55788 37014
87419 22869 52393 62317 52967 83934 15299 19315 23247 26560
08279 02142 20286 92586 74114 67557 17112 68324 25194 56666
90119 65112 40055 46424 20355 44505 83091 94437 00000

11141/9192/7363 kHz, 16-07, 1015/1025/1035 UTC
33080 53417 61489 15154 81865 91663 68367 48001 39445 51649
55587 54839 98719 30371 45613 10370 20085 39255 17805 97600
24612 88811 25479 61894 08034 77305 32984 65111 55213 81864
64989 00790 59794 75461 85166 56297 78707 18218 46447 32894
76235 96463 80058 59640 37311 07981 15511 62096 54741 16881
48735 71734 20049 26550 00540 87021 72608 44094 32606 22091
86776 34730 13174 03956 01695 89548 49627 04190 23456 55101
30170 16025 54320 98235 41757 12789 28675 04630 56492 48631
60413 34443 03670 87474 31426 83545 69642 95087 00000

32529 13843 59369 32490 04061 09467 87764 28079 61314 48416
26683 47340 99997 48958 41070 58036 49146 82307 92251 68048
29386 32731 82195 65406 46853 35866 88875 13886 64940 06210
47447 77616 21064 89699 56903 73122 80632 02328 16912 72248
45421 40733 24509 04397 58517 75700 85353 31525 73041 64508
19211 94329 76824 43061 64365 53059 90226 83743 10650 71396
79292 29938 15767 16842 51423 43134 84609 76040 25755 23582
16250 08485 95434 90409 48291 87040 23975 32152 53279 98714
42882 63636 66837 04129 42734 50139 52243 79112 74915 84775
31104 86860 06167 30048 34846 54107 93174 96097 00000

11141/9192/7363 kHz, 17-07, 1015/1025/1035 UTC
Null message: 5761 00000

11141/9192/7363 kHz, 20-07, 1015/1025/1035 UTC
50809 05787 74500 23757 06208 63006 13210 37678 64315 29153
87490 54461 13302 90352 29414 16657 51927 45461 33530 73363
82409 64141 15997 19609 26044 58705 42554 79955 60013 61918
86275 41039 98827 27942 01052 62724 68828 98613 21732 22551
49197 02247 26862 73177 77909 77128 24953 17496 46064 36926
50233 31113 29026 20166 78801 86876 27830 90981 01129 61146
19272 83324 11852 26488 38127 05816 02778 60480 39940 49430
70065 25323 17812 65198 71483 97931 71635 04121 94722 55214
53203 36472 22673 44202 35640 92686 06605 91738 80579 93017
83210 33403 01538 58150 96417 66362 46918 17961 09942 55830
51073 60608 21477 49838 26886 89139 14507 81983 98274 77813
08634 66858 96087 45307 94391 17843 65815 87013 63458 41947
60550 33600 70230 91392 17640 28033 85666 76616 42472 38242
29365 70393 47822 47614 90799 57756 22209 90512 75647 11405
25686 25000 38158 97289 36520 59953 85492 40060 97175 78768
64974 03067 33062 26827 70185 62592 42468 54924 26850 81017
81125 35836 44436 08600 89840 96227 44428 68546 38630 31073
01182 05080 85792 92786 56329 99180 75368 72242 92644 81692
21408 13888 78328 98472 52497 32113 17634 07292 14974 21086
68783 11146 58276 75232 15103 57694 50849 62539 00318 59491
00065 17889 63949 14705 74577 48593 37745 33019 52562 69321
89077 96388 44262 08618 22258 09356 62300 54179 73696 18595
38174 29095 61846 06393 08385 16234 77875 87732 18626 72953
27987 65686 19488 03341 63352 24790 52087 80151 58566 67101
47091 33649 24584 20611 85549 49519 67063 74715 94977 43063
26055 22418 79145 01840 57980 13964 04974 13955 45829 51583
95016 24186 48519 80038 98938 85120 25354 52656 42430 95506
96513 77538 77011 42995 25519 73634 79144 93464 34608 91365
72101 94114 88956 77487 69027 82519 10687 88874 60628 18823
08599 84927 95925 83265 34557 53269 29517 06234 02482 48439
33778 23015 30872 48255 99438 70444 94798 57547 72984 67639
98315 13935 04302 47995 03208 75344 03024 34649 75033 93955
26998 76577 32384 06259 51322 87533 10308 93910 91388 54999
73824 95084 78364 11346 42488 70986 10553 84392 11905 57249
29069 69539 83175 54860 91275 90677 36181 40342 40400 42052

07648 99849 94791 28271 59946 16884 05236 44644 51539 68308
53777 65046 45035 08352 92485 29482 13773 45281 45594 48548
32879 40452 23460 66977 65738 84394 21778 53450 81808 29646
04483 08869 66721 85009 93782 10268 10609 00921 15760 32564
85584 00620 74973 15319 48328 36812 56502 66717 28698 78499
78868 21932 90326 57681 46282 98073 74115 30601 73629 12912
60585 33234 82661 59549 12007 35704 92806 54246 80258 25301
55051 99570 91337 72815 02328 30071 42479 97427 00000

11141/9192/7363 kHz, 21-07, 1015/1025/1035 UTC
54940 41245 71884 16473 00498 71658 35813 89077 96594 58832
11660 00906 82295 37997 50158 53554 80201 70289 72592 06443
27433 16378 32679 54986 10213 28161 68782 60418 56761 19581
16536 72206 81679 01652 53863 69079 91945 45203 56151 09324
67953 52987 02834 26765 01358 81379 03500 82883 42341 70035
75150 31335 77231 16298 07993 15590 60750 55172 59057 05851
44056 18344 08471 10983 78277 70398 97176 26507 98225 46520
83422 04568 15965 38707 93341 56807 78938 05340 99673 26087
72329 01701 00684 87994 70348 55167 89866 68079 66133 33460
90969 85735 34955 79411 25540 98095 00000

80763 39843 89307 85904 34895 33150 32267 98728 68757 49135
06239 76373 18974 84372 64200 41191 21411 45940 46183 62776
84464 20724 37131 99826 67126 50270 12032 40155 47783 98158
22062 81022 94663 90082 93408 17009 73891 97844 66029 27571
56070 16045 95799 81507 07344 61113 68466 00506 75860 47409
98865 48949 09596 20050 13823 42193 66446 49163 42187 90474
02560 15265 60431 20664 49815 40423 67253 43026 18407 44921
85623 55198 85460 34090 15707 00558 55623 45005 87101 23167
04563 07740 83835 86498 41314 00848 40550 99087 00000

11141/9192/7363 kHz, 22-07, 1015/1025/1035 UTC
36545 37978 55104 60375 59171 11570 71755 19021 89020 42271
24223 34662 26225 85691 40335 70343 80513 38017 13696 32429
50483 01092 72836 35149 40070 33537 80561 16023 29417 73835
93135 50594 42325 46339 34039 39933 77471 86106 61954 69315
95586 43546 37675 61537 79774 54762 19637 73301 11170 88576
42740 08094 27103 06140 60169 44013 53986 94074 52880 99977
32087 57107 36457 88744 74379 81087 20015 30183 26677 02375
96844 23244 21208 44497 71483 00056 40850 08042 52891 10582
36184 24699 68443 11291 62575 11408 78393 56262 29458 85533
95524 14173 79018 27023 39659 59598 36455 98462 81720 12071
99010 58994 57030 21325 55962 33003 52538 22176 56753 19542
97656 07463 69460 53403 13402 92495 96780 53799 99519 69442
41716 21573 64293 75098 40171 70875 26705 20468 02613 06266
45657 55603 32011 81149 55926 68132 10237 98505 15547 38921
70098 39835 94300 03289 95216 33269 58021 91247 14912 96778
28368 45164 86306 17414 22795 38310 80816 52518 04368 42728
17224 63857 96139 19851 08526 20585 39761 32310 14732 32007
03024 00377 18813 96058 66005 51466 67979 74442 40522 36148
47475 30373 02574 09097 79085 89842 42455 98422 61536 12371
62236 11814 94973 82163 75293 52944 56716 55609 87574 46557
20461 26074 65300 95690 36138 91910 18763 19462 12591 38629
56938 44860 70287 71170 92583 50976 56222 57204 02509 89115
38228 67412 72709 27227 20861 23673 83057 92080 50057 91092
11221 07642 98750 74834 60518 53074 50623 07652 41380 88807
24206 39098 61114 24109 04480 62323 01657 24597 74198 39411
90004 83132 62099 11186 91000 02529 50194 02435 77184 63515
07336 58469 55364 76389 41237 73979 54631 39799 86135 00108
05476 55096 68288 40681 64707 69685 16494 73546 65865 47819
09809 57933 99802 92275 79671 13796 55134 65343 08597 84062

73236 82569 92650 15733 97483 77691 59873 20763 21408 62202
61851 02663 65481 27984 80619 59772 37189 66438 18087 01117
54092 02564 60161 35806 34577 67412 32778 21909 85947 57358
92003 85730 44592 53625 15414 47444 47868 00500 86921 14000
42426 65680 92260 25267 58640 31188 67289 64328 05841 88281
66325 67872 68036 34815 42674 97626 04813 98471 58565 58756
87090 34323 66662 76178 22439 70126 30348 64721 49623 97829
74956 54069 07080 34695 87164 54431 05009 02491 04703 73867
55758 98192 63589 23217 42205 54618 95078 69555 28809 14446
89490 24130 45026 66049 69133 75705 95779 14582 37491 05249
78661 86759 96867 42912 12572 92767 51680 53228 07455 93733
39574 59472 29849 48209 57573 43113 43921 36084 75421 79313
32677 83389 53326 94385 29029 36411 06289 56173 11426 58559
82191 01421 00000

11141/9192/7363 kHz, 23-07, 1015/1025/1035 UTC
28911 52998 10204 06183 91340 45894 99817 86846 92289 12147
05308 18946 43504 59189 82378 48652 89083 48802 21355 09691
83184 54383 77276 92578 29932 29247 55176 89735 02725 71906
80212 64909 85123 99258 07351 20359 00506 63620 50297 60225
22682 74545 34342 73537 84653 11372 02827 85273 27703 37422
31905 48940 58005 51801 33301 79080 02941 39740 49731 47170
84314 07394 72700 89322 50641 12069 37345 99255 35717 23785
74009 04941 35631 02073 00000

07332 87437 45558 56067 92936 47836 44871 16490 04444 37911
72502 72731 66253 65779 98197 35359 26987 91699 60453 16826
19940 57912 65451 44997 44187 33496 02123 57180 24516 08674
28005 48161 45382 33332 05586 70689 47066 66572 93826 11836
01236 23241 24551 93675 08075 28364 18375 71712 82197 15435
19888 29510 19510 29482 56748 92933 62217 20863 52399 12477
04165 40717 47083 87079 03699 74016 06844 27892 96235 71149
25204 85418 23719 63981 47209 88472 23166 77323 70519 68393
41482 71746 03238 66947 68727 78682 83171 51363 07035 13753
88196 03091 00000

11141/9192/7363 kHz, 24-07, 1015/1025/1035 UTC
Null message: 5761 00000

11141/9192/7363 kHz, 27-07, 1015/1025/1035 UTC
54450 75806 98757 41265 52058 19796 64773 33218 78916 78130
19535 36835 17828 35699 16861 43060 07761 83605 68599 67749
86078 74073 37885 11700 57430 08642 98893 53199 25238 39357
61549 65279 46720 87644 84601 74861 97389 10528 25521 05996
55956 68919 00651 74353 45582 77630 54045 25189 92421 41820
58444 31944 87380 09549 96809 97677 62040 95139 97863 26521
14674 53026 24070 57341 47303 06770 35500 76793 99726 62947
78006 53961 91452 64589 69155 63760 07487 63852 80350 91304
88904 18619 38581 34415 14139 42715 96245 46458 81935 64418
42468 86710 31906 72966 54367 70418 63609 57732 11693 35769
40112 69766 23290 69924 86955 60390 38808 61342 22476 76528
44105 70543 80401 17459 63782 36524 10677 82692 19284 61009
69449 65633 15998 37710 34150 72748 57801 18806 04610 72891
12486 35808 76149 06510 76497 17007 95578 09388 12427 68699
36044 30637 57698 12357 51664 49606 27884 94951 97880 21411
63081 14608 28475 05757 90801 28777 05183 58756 03793 37111
80840 92421 76245 56244 42007 31515 66814 28645 21996 22457
81894 32742 20251 73968 97583 86507 89011 34140 63783 61684
73200 33615 38856 50847 14470 49569 28294 54477 55343 70187
25825 80252 04398 64307 80399 71725 48416 85931 37492 08586
22446 68287 28156 45695 73714 87126 04276 83071 80318 97953

43441 84026 10646 76860 71888 83629 34451 19667 78951 54692
21532 79051 21446 23462 88941 44349 41441 52207 82667 93722
45840 30889 04730 73379 21218 45095 21620 83526 82352 12438
15029 75750 77879 04593 60791 91515 01522 97171 47002 96458
82311 14615 67215 90168 52264 62284 49693 96155 14925 62963
08616 61663 63235 39928 28209 22049 20152 13791 15713 09396
00454 05306 84144 10048 17186 61309 50773 00763 81162 46003
62265 18162 66976 64749 82419 41175 43949 12576 03439 91151
95465 64575 66680 79339 75113 50387 03809 56421 73088 79944
34300 43776 91282 12689 80231 51176 50507 87416 84290 10594
78278 54964 41949 80812 50608 80915 83733 02517 86237 10508
68524 08572 16744 12941 73840 19153 80974 47264 94017 76435
17223 17030 82253 98518 51603 05914 97418 57276 06054 11467
41603 09817 74400 19209 99321 38254 39935 84241 14309 77453
32924 12560 64860 35465 51501 59267 23637 36315 94380 85868
12887 39843 78813 43834 91005 18291 42245 76617 31396 94303
51098 57324 79535 70049 65121 04204 99213 02144 30744 41172
43861 02056 01868 95527 13919 66693 11542 50075 86177 68850
42956 91823 26027 62208 73178 24455 18552 80570 88095 36751
79418 36025 91975 44166 31475 45722 60097 45728 58020 41953
07886 63461 68666 45209 74989 56518 38734 04928 47732 27199
08128 37597 68387 61064 50614 16907 04702 68305 49450 95646
78110 18578 40301 64019 74085 86483 07369 74080 83046 49872
43698 04441 00000

11141/9192/7363 kHz, 28-07, 1015/1025/1035 UTC
46805 56756 70364 63445 07976 20928 35454 73224 94452 20805
70254 14060 81537 14420 47529 37737 42978 19599 76886 69708
68118 68491 21200 09966 60016 66893 36962 53540 31703 44287
68244 79076 42771 05549 48968 78895 43488 20244 93149 29018
18607 10465 77831 22549 48086 23142 48378 14890 26878 97758
00812 54200 10994 65416 20899 95554 82021 40191 84653 22219
47294 88703 49957 22509 17887 88853 93981 95633 31627 13652
76096 84999 13326 01090 30954 62376 89390 95974 21436 11392
99027 74681 06156 83772 69210 88752 01191 26783 45605 88275
40750 05287 96644 05093 00000

23471 57682 59493 39138 99394 81398 72667 48568 17380 90613
40878 28729 55804 81303 39397 07904 90736 82021 27080 35818
23025 33116 61205 51575 86736 72682 46005 20055 99891 33951
38317 53947 43404 83775 58817 63630 79194 56932 82241 02058
43397 65903 05058 96860 75602 90836 14016 86835 70067 79368
04009 05025 59846 10996 18696 75557 69757 05694 12312 16451
99146 81444 56102 65558 20361 90397 37835 71848 03894 88316
27807 19197 06124 17020 09793 74899 80580 04497 00380 80061
98700 12389 05108 24090 90975 85517 84877 70433 44461 83151
31033 25799 17560 96705 72589 69998 58040 83542 64016 88634
35201 06101 00000

11141/9192/7363 kHz, 29-07, 1015/1025/1035 UTC
81199 57457 87835 72196 16516 76613 24108 94213 20802 23618
59958 42323 29389 25398 56351 28070 08569 31265 24084 01605
64942 28392 44899 76001 60717 87070 41515 96187 52155 21691
26286 00957 93349 78380 83150 51473 72524 85244 62567 24726
73036 26139 94139 95357 76278 23912 46588 54311 48656 44067
89781 37728 79840 54763 38508 64542 64477 04101 82668 06201
44536 00638 33580 36947 54497 08060 41090 38116 36555 89947
61166 54863 18027 65585 78676 28777 68163 62732 15016 54808
76527 78314 75300 35948 20162 82960 14787 34100 11695 30316
29225 40588 45602 57092 98820 14718 84796 84763 40500 63851
54739 58873 48165 63422 37256 86867 25615 40325 81250 60400

41847 68124 72495 73057 63392 47521 29694 69418 43398 70500
19009 86408 72137 91621 04217 72876 18625 54860 74712 98322
18040 49467 18519 86736 84633 93261 32518 36458 54818 66803
87063 12023 90106 46883 87179 18908 94620 12768 97536 97130
26821 23635 23371 94631 10174 90636 64559 06379 72424 92031
85024 90132 68177 04816 64650 94813 64458 51304 25920 62391
93957 84080 52433 89266 05633 57771 41517 58041 67363 61071
58099 75656 00346 07456 82042 78800 49913 08033 66119 92545
22463 74949 46824 53149 43196 28810 75201 30943 14335 08532
59880 14266 78520 07085 39507 40361 17074 81539 26755 84196
37808 10875 91107 41117 32076 99977 72599 64293 05748 53269
43697 42890 13798 66394 61515 31892 53192 09425 77551 69529
93772 99992 97132 43239 51804 89808 05744 90098 35893 12998
04453 42672 19957 69686 21599 56193 22927 43279 92931 78052
99883 74868 27409 45486 74295 43211 00814 22442 66072 23701
44395 11534 95093 24794 20720 02034 64920 25306 03913 39836
56365 61023 06484 30332 85623 34076 19920 10134 06627 43499
61238 48580 62335 60417 42682 64968 14639 96303 06748 72443
07558 37738 93735 84485 43432 46109 33999 44935 76791 45693
82099 67488 55578 48550 35033 95600 64435 89676 01735 18744
49716 70841 16033 05943 30935 36563 10256 42536 28321 30641
91660 81102 61180 06700 88892 42473 96734 91169 60640 27791
54153 22150 83698 27537 93431 12581 62597 38467 43829 11182
28016 24396 51547 59570 16142 81768 51322 69015 46182 95951
91648 65253 38205 99188 68284 74812 38495 66148 45761 51274
44626 08010 71555 64917 47419 51025 12638 04175 31988 10481
69059 62349 05051 96022 44286 08015 40702 09248 76953 62549
61827 19538 63739 33235 99346 29033 28030 75365 96486 62725
14082 81780 50249 44564 11358 23300 07282 45555 38721 88457
56326 14755 43187 95999 84438 29119 92910 78562 89165 23136
69095 60997 63866 84180 86524 81741 98364 24531 97385 30708
62122 65980 58082 02110 62118 97988 63733 85663 92620 95297
80019 44617 19048 07433 00000

11141/9192/7363 kHz, 30-07, 1015/1025/1035 UTC
75662 38949 82514 38481 46344 37446 35136 75595 68643 66092
31577 61272 01391 86679 94063 47920 88034 98559 04876 49557
86742 07876 46264 10127 55670 72672 19753 68765 23101 72321
87026 32995 97126 74706 99588 95757 94577 99595 09376 57232
93868 01641 77511 37381 41467 21446 23406 90152 66652 78141
81356 55277 84270 01898 56871 08608 90165 29814 99877 96928
78968 13629 37018 68169 38937 12685 30211 32973 03544 70580
53672 18551 64475 98952 06582 00751 75756 16827 03576 25296
03672 18972 10269 54113 02169 71693 15971 97702 18449 59505
60812 08091 00000

00741 12390 28880 85564 80329 36661 84885 53974 39975 01289
32120 71087 32474 09692 59823 18814 20968 20518 50959 35584
90652 99959 12534 11681 44184 92520 98197 45994 04210 27433
09069 93891 71471 02905 83715 60889 11903 15384 13240 21811
71179 26032 42396 70121 40139 81593 42675 27127 19524 31846
68309 65721 57471 10820 31119 28375 58204 73970 55142 44047
85340 08504 96993 73711 08275 59031 42875 39183 65064 35735
18196 14935 40254 97253 70713 87587 81083 25456 13160 09079
00000

11141/9192/7363 kHz, 31-07, 1015/1025/1035 UTC
Null message: 5761 00000

Link 00116 via Cuba

18562/16218 kHz, 24-07, 2230/2240 UTC

11177 00116 28201 23038 02049
18792 02375 92281 73612 93194 78450 36106 32061 55476 56937
45254 74430 78688 43149 20689 26649 50487 17272 26106 15949
09177 11597 76736 56394 81293 90885 09638 56115 98481 03044
44763 17596 21785 74185 97538 83189 64333 86048 88977 64303
09254 05946 92247 75481 28936 80210 51108 50646 25862 84724
06299 08131 10340 39196 93380 56640 04626 75698 72829 96027
61321 59914 91075 87048 04296 10422 20552 90283 80409 19625
44993 60502 94351 74314 69422 64128 89288 86838 33380 47689
06879 03337 32652 65879 60410 48708 62479 39283 01789 15492
57499 45935 70819 97825 34902 01962 12073 11905 67740 64748
58260 66462 89607 01013 77264 52029 09945 10378 86046 76097
59785 33837 93787 41909 88584 37138 09799 32437 12202 17517
41711 17040 85166 21964 80810 22975 64637 97491 70608 53941
54155 49838 52227 03463 63344 39725 89024 76571 33385 10876
35080 41135 93415 08356 59907 63761 50650 81226 91042 74032
80370 03492 74252 44386 08922 31834 22451 75716 98133 37986
70484 81685 21996 06499 08931 48967 73712 21509 04013 74113
03217 56542 21724 16578 59273 64797 22163 02156 50034 66025
89506 08378 21058 55073 82307 77691 19089 88037 06921 77976
27158 84565 68488 38752 45057 32721 34941 95741 22162 02297
43561 40312 38202 00000

F06 – FSK 200/1000

Link 00052

15634/13596/11466 kHz, 08-07/09-07, 0800/0810/0820 UTC

11166 00052 95364 08064 03009
59564 13987 79338 00757 48347 49846 05378 99716 36120 91505
56343 79492 44002 04989 00411 46277 26050 35458 51843 88630
12522 84988 03617 59413 82533 98261 99618 55463 82365 92095
26060 93472 98569 89765 26838 05484 29238 46049 72488 02466
95582 73925 37458 79376 61053 08879 65354 60186 50152 71733
26874 06260 84145 15961 00093 36575 75855 70399 27813 33177
50726 13322 31640 30340 86343 38781 87489 10842 87599 01193
92209 57821 39689 49060 75998 35626 06124 83815 40315 98109
63960 04677 25965 47805 93415 25496 41044 94413 64065 74505
03442 86049 84818 12912 77578 11676 09837 33286 10063 98166
17611 23662 93974 50440 05363 08305 16435 08092 65966 01075
69178 16971 39579 32322 26790 39133 57165 35262 22307 49616
18101 02753 74881 93461 69054 50425 49166 01432 76311 47096
51136 87855 08761 98406 90024 79039 73696 94615 61049 45687
72650 58497 28641 37751 69429 54267 14834 45173 87540 43489
22533 32933 79208 98881 48320 23860 33157 11982 64505 27624
13345 55591 75102 39369 45851 86938 75416 56401 96092 02512
69937 86388 03557 80484 28211 45499 66242 71671 83396 69916
91999 24969 03185 89175 58948 58190 87759 34750 52164 10266
74511 82329 68823 35710 54164 51230 08998 27330 28020 09368
94268 78074 61007 57235 81376 18000 10212 89322 63062 87256
33588 56417 73314 31056 08536 77218 39193 27543 15014 72702
46423 84520 62914 21689 10950 65958 68341 61025 73626 34217
08516 78845 60253 18948 09978 74326 74116 48572 49776 82392
13247 05308 74332 86793 29568 89668 65673 69997 72127 05364
09710 73349 81598 00557 46253 65904 28235 26400 05461 45401
10478 98800 60396 19802 56387 74338 50383 42828 95093 76288
54851 01945 90464 31672 22364 82222 54156 05287 84498 54514
80249 41641 09286 61386 68661 50742 73880 99240 29506 98663
61167 20069 85604 88839 09970 01269 15324 45015 64298 00000

15634/13596/11466 kHz, 22-07/23-07, 0800/0810/0820 UTC
11166 00052 90875 22065 02529
42018 40192 37795 43883 11679 97426 84930 65897 36120 80449
70997 15348 25768 99162 87374 33481 08495 27299 71558 26889
12879 10453 66040 55659 52517 57401 93690 04048 73178 94424
48087 25860 48450 87292 22222 81722 34863 60623 24016 10441
97418 69283 52099 01627 41469 01535 30277 61777 11883 18604
24122 91005 45426 60359 88141 12597 87316 71802 16939 22591
07861 30033 98820 51565 80138 76398 95286 55816 04652 83504
94828 80123 91888 11777 14488 59277 38734 35257 47603 50573
59661 41335 81186 14442 58655 34081 31369 85413 52783 95887
70343 00609 83378 87097 43259 77924 75743 88307 98480 61123
33338 15034 79680 74004 77372 59430 53169 50836 67744 38745
68930 35257 66272 55199 78774 64812 28138 96986 60064 83326
32499 35064 18445 48295 88193 95439 68011 25482 75486 11631
12359 87914 09777 86985 74945 61456 38231 21560 52214 84151
05247 83225 87899 71528 47719 27713 91970 05045 06012 97256
52633 85863 61607 52552 14842 21155 37335 17694 23749 35096
21152 42791 56536 21774 99385 13948 91061 82164 10390 65290
84754 12386 54549 72740 62214 35402 21566 34204 34925 93378
20976 65884 01545 42867 26814 69385 02199 20006 72390 49307
25206 67934 56088 86025 89693 43596 44144 93319 52527 46126
81337 15561 12985 34012 45521 44141 13638 23202 06943 57817
60846 83366 78290 16678 13330 74490 66390 64407 12242 90979
61512 18538 51178 05481 25204 53381 09573 29590 62595 05313
97904 33652 90124 55124 88163 92817 34597 67094 27999 51567
24541 89505 62007 23873 59779 46253 08582 71199 70166 74276
65250 00000

Link 10053

19466/16189/13576 kHz, 05-06, 1530/1540/1550 kHz
11166 10053 78451 05001 00049 00000 00000 00000 00000

19466/16189/13576 kHz, 12-06/13-07, 1530/1540/1550 kHz
11166 10053 65493 10067 01529
94662 93846 21522 54585 74486 41522 73317 28521 01102 70001
33288 32671 49878 21008 77564 55934 79346 57265 91419 43239
82819 23858 26912 06213 77212 85495 22370 43537 96333 30508
81670 79084 98732 25108 10928 57806 17820 11110 08591 33000
96511 51230 34253 49253 43147 41702 75625 30143 90028 34019
23778 42409 78764 77250 74772 35260 27518 76084 72949 55797
16195 23505 65337 25214 13505 16314 59326 51897 79171 88395
78009 06012 12379 54214 26526 72534 88778 44303 02455 85492
24684 39749 97324 46891 18641 16733 30371 04848 18513 76515
44434 14699 60879 72046 27096 22466 75996 18862 29584 96852
01926 21518 87500 21035 10734 17205 10760 21219 88859 51774
40618 04724 02207 47048 54098 27552 61429 67954 74735 73473
48670 71826 91108 31034 85029 24318 14375 13400 24176 75838
00837 73091 10585 92547 02849 83892 12027 01542 38946 47945
06914 00800 52229 84163 62678 34407 41918 66282 28258 71842
67150 00000

19466/16189/13576 kHz, 19-06/20-07, 1530/1540/1550 kHz
11166 10053 51397 15068 01769
97642 53841 21520 54585 77466 01527 73315 28521 04182 30006
33286 32671 68238 80590 11040 34913 51162 38819 02411 86116
02768 66302 98875 18338 25477 06468 61374 04077 64499 83852
47960 70215 64730 86022 73542 35223 10279 24859 30126 22892
81828 22312 55278 18778 67811 14099 00866 76763 44235 82578

25395 25998 31821 42091 31054 26426 63414 84277 40973 09745
41683 52772 20973 00356 91465 05769 42038 32834 16939 75258
79381 45190 00981 98760 93441 18362 97608 71443 95254 13897
95228 51428 23790 93470 29096 09003 11804 67397 18488 56118
98188 38630 33877 84050 28017 12385 05469 87337 05376 09949
91045 71859 30068 37340 27463 41236 18129 08565 46696 93423
58738 94961 27532 92333 58502 68854 67830 66010 53723 95937
01524 85380 99717 39094 73090 42678 88355 72396 35996 61354
60256 53441 95725 16578 53389 53918 40026 01437 98716 60845
86739 49772 70367 83096 21348 80346 15650 89130 58948 50518
28673 51636 01829 67173 96557 73267 44505 98468 41950 89732
18383 22154 87845 63374 73957 53505 08989 60507 09003 10799
04621 35642 06865 52636 68174 00000

19466/16189/13576 kHz, 26-07, 1530/1540/1550 kHz
11166 10053 13579 26001 00049 00000 00000 00000 00000

19535/16348/13588 kHz, 07-07, 1650/1700/1710 UTC
11166 10053 15987 07001 00049 00000 00000 00000 00000

19535/16348/13588 kHz, 14-07, 1650/1700/1710 UTC
11166 10053 85632 14001 00049 00000 00000 00000 00000

19535/16348/13588 kHz, 21-07/22-07, 1650/1700/1710 UTC
11166 10053 97653 15071 01769
88496 64599 34486 47395 33687 32979 12584 22879 17509 92912
15323 72504 04918 30527 62430 28623 31361 17583 42968 42689
18709 04844 03943 55337 44227 46329 44014 57481 62424 85161
86916 40775 81132 58720 36143 97011 38313 86975 38588 88595
08596 48703 53834 17119 61202 23535 45427 19996 61011 02209
52223 75338 30452 70748 53665 40180 92206 65349 87309 51652
83299 73008 99184 75036 74352 09506 62618 17085 81587 37559
76643 06723 64680 75315 98136 76352 17243 16416 62373 88861
35091 03984 24855 12104 18576 99012 51647 51819 67824 72992
26479 79684 95228 07503 85009 77474 93974 76564 22415 28175
32308 71856 87609 31765 38257 48783 73003 20812 91790 92715
00841 04785 98598 74683 45138 09206 33363 36583 37277 62647
09618 51665 92757 09786 69305 55998 22086 53939 35207 52509
20129 78727 44878 96987 58492 12704 93475 01193 61535 57624
92652 93482 25947 61707 49753 04244 66714 67574 09233 22869
08279 84267 15123 93832 91328 17835 34362 94959 76378 57890
15586 07933 62304 32452 03628 65284 98173 36165 81442 19000
21698 48760 61646 61906 71174 00000

Link 40122

15707/13446 kHz, 01-07/02-07, 0610/0620 UTC
11166 40122 64389 27094 03509
71505 41336 10585 35845 74931 47803 91844 98012 21268 37718
36400 14732 69797 81103 37405 41988 26500 13117 71882 46112
04159 78299 40750 97693 60676 65956 64427 43328 26567 91320
07432 22384 57531 02213 30429 20974 73078 15878 93154 80326
67112 15683 56652 01731 01435 62362 58270 15262 18088 99510
57843 04453 31494 57991 78513 04117 86301 88963 90601 13503
91908 80208 12001 91964 69571 35448 23496 29341 73055 21332
22470 08232 68754 11792 63429 00355 86218 84451 58772 64166
75040 48762 38261 35951 29013 10579 90613 31542 63517 02838
35668 00888 57069 37045 00548 02625 92965 55240 98267 90864
61961 87149 32220 31377 11922 42196 74980 89351 55387 91058

94857 55926 70977 16472 28649 05683 59595 37952 24011 02272
41336 40137 99906 94386 04070 59424 98548 69244 39616 08597
27291 55776 28456 44130 13897 94719 58910 05858 23617 17781
91739 83686 11533 03079 06083 91055 08586 99035 87681 49817
64729 33920 45331 16229 97659 53215 66491 02754 20541 52016
47987 75340 47176 94621 62759 30884 98053 38530 48572 84550
55713 05017 29640 21649 42869 63472 07102 93742 21711 21712
79274 63690 37853 39414 77639 29295 57334 06904 29477 80255
70127 56446 83105 68105 58593 98256 56658 93834 54307 98392
96325 42863 31708 40742 55013 22072 11997 40269 27341 78572
75727 99723 01941 04903 07532 26995 16959 60329 21398 55292
29734 62959 39971 33353 36560 32339 26276 77851 03500 87218
91336 05204 94151 28195 26099 84956 05346 59894 31111 81942
46674 32399 42401 79397 24809 06595 76974 00213 18552 73136
46382 68534 55530 79713 11797 78865 26503 46299 79021 64887
98191 73082 56885 85171 10592 70757 27449 67969 69690 67868
01471 82280 71531 74886 57558 27370 18569 09722 88453 57934
14241 14337 02879 87097 46700 17174 56394 34427 97649 21059
09689 11160 37208 21289 37755 59815 90751 83577 38382 90401
88657 36558 13395 80380 34910 58514 21091 30593 55475 63050
23306 94335 12412 13361 75545 21760 94634 19811 33614 86793
21275 00502 75198 88774 18583 09510 59814 45971 56297 62491
75585 23191 54424 14339 46264 60654 96367 68572 96948 96329
09343 23160 01930 98906 98015 82451 63099 53612 94348 00000

13446 kHz, 08-07, 0620 UTC. Two messages
17419/15707/13446 kHz, 09-07, 0610/0620 UTC. Two messages
11166 40122 92576 04095 02609
56929 86594 38111 32388 15881 62073 02626 08027 46811 17421
67903 02413 85194 73930 35017 68934 13083 92416 35855 81063
43033 36616 68852 04792 49008 71443 09051 42634 55194 50805
65898 16420 18654 74647 87249 81026 66779 19935 32993 86263
75451 75234 66746 29091 98873 33609 39046 63350 86995 23490
60494 59209 51474 82238 88270 29499 66104 02055 74470 65132
12669 02949 49685 46788 08121 12447 40292 25065 74068 56722
42850 86260 34468 92837 04085 46002 52485 36797 79859 37883
42453 67072 71599 89314 17862 08319 63587 01766 61325 24944
09580 77588 27453 79235 42176 60613 14576 33720 03378 82702
66251 02451 19781 33442 88496 80910 70824 95173 93672 08801
20040 10540 00056 88255 60006 65125 64454 43535 60534 04814
60000 65194 09603 21284 07971 09292 29002 73555 53826 05007
46711 92453 73394 94950 90432 48550 78735 32947 71934 88948
21644 34394 25310 44636 34671 25109 69957 39148 43180 45354
49444 76619 74368 38719 94681 51426 74211 80556 84857 46590
68242 25661 04557 13143 27125 79865 20518 47636 22946 25254
26445 09980 87166 53681 29336 48805 06174 88271 75740 26527
15366 97595 41406 61311 77714 32217 32736 28116 57724 38281
73500 86002 26759 27848 75241 23909 60635 10648 14808 42065
15453 16949 67449 11234 92572 66234 68926 76986 28703 61353
05050 01169 72013 12862 52108 57771 30228 23217 16604 25379
01622 85529 47751 43393 24870 76546 21157 24204 08678 48565
17138 38513 27141 49964 42103 15990 91756 29022 66412 28438
36035 00740 77307 47681 73655 81326 69917 95331 16079 20058
25473 26650 60580 83178 49491 15673 84634 69545 95258 00000

11166 40122 98431 04096 03269
07570 62698 10408 38972 05461 49042 11624 17839 90174 56828
33267 47727 88511 95627 75997 70982 82390 00976 22262 98638
95994 13888 52592 85677 40838 49916 09666 45065 54673 37449
08548 92739 95187 29939 16576 40742 74421 21741 51294 80683
44845 22248 69907 24733 73033 68025 48666 96305 61877 77608

75634 87650 07269 78670 05274 26520 00193 62244 48281 19109
10168 43672 95117 61446 10974 34991 96666 36439 34598 58426
50456 04254 40080 04768 00000 00000 00000 00000 00038 74264
35055 68965 89194 65003 06472 75606 92369 19477 33824 83435
58977 63963 75771 18004 89343 55148 01054 47774 40970 65052
86684 44347 10320 60795 93070 37250 76413 99063 12732 28212
51696 54208 83545 37199 82037 98318 63197 45326 43755 50795
55764 07746 74279 18755 87631 00586 88501 45645 21318 74286
18077 85311 07588 80347 20671 23792 62436 41118 01856 63413
70699 30054 94128 92690 00437 32739 35880 54986 32362 56346
94441 41184 88424 57492 77398 19150 60680 54400 75135 23104
29204 97770 79164 19139 66418 60542 19234 66145 18541 25176
63742 92516 59798 28809 26381 04671 12935 40241 23193 47999
29321 34772 24133 39015 22643 37196 42435 86091 48825 01110
05350 18889 29420 93204 49798 44920 06968 51242 88852 51899
30100 84743 89546 72678 62350 86421 07568 36967 03801 25551
22693 21777 25559 87470 18558 23758 05565 33019 49988 71398
63052 42892 41321 94915 83532 17452 61994 72960 28266 00624
18686 75702 22838 96376 12737 21683 17161 45850 03276 67544
12954 35404 19641 51766 48697 03072 69963 05986 40743 12562
86448 58668 69733 63539 52296 44751 08862 07769 53912 44294
86471 37425 03719 64302 78087 18268 73278 88290 19017 31669
85362 05420 35571 98324 05345 44739 82584 51275 76615 27874
87937 24166 44802 62374 92022 28257 12689 93213 79291 83198
70256 30984 93577 72148 45753 75151 33684 89556 17031 53036
19188 49168 31950 91165 23689 23823 77457 38796 67306 83039
43302 62399 63015 97709 24533 28367 09254 82965 03988 96374
24760 43872 61676 37018 17810 96361 52211 96999 83779 30611
96350 27196 32400 00000

17419/15707/13446 kHz, 15-07, 0600/0610/0620 UTC
11166 40122 15478 15069 00049 00000 00000 00000 00000

17419/15707/13446 kHz, 22-07/23-07, 0600/0610/0620 UTC
11166 40122 12573 18097 03689
54092 28961 84311 18158 58243 64822 12858 75742 63690 95980
69832 74243 62904 18476 78766 22990 35907 74272 33837 89623
79674 17077 22692 82957 66165 21216 64596 12485 83651 07023
31111 60497 41029 81161 41472 27733 39811 15332 49861 38495
43482 11794 66762 16184 98899 29137 81592 65174 89445 66753
78778 19984 24586 31426 64487 47652 95558 34498 46185 14294
51855 93033 32216 51741 78194 33426 43587 85221 76665 20886
55150 08010 83739 63240 08363 13993 76836 62491 62821 24079
50115 12564 78750 67390 64206 66682 47634 03184 99547 22812
13186 94427 68024 00608 49828 68976 62596 08303 90887 29282
49603 22976 23684 96577 33427 32632 93692 00471 48215 13545
84988 49885 56330 41283 69140 46285 58239 58868 39747 25127
43501 50500 74813 36466 37566 94283 94138 00666 24058 92399
03918 00137 47237 02155 45732 93053 24318 16343 92124 59980
22350 66368 55944 19339 79320 46550 05650 72671 74203 83069
03753 65616 75601 95968 10597 75553 23700 27662 20655 61836
25212 36388 23536 39571 65988 78040 06880 62857 71000 24811
43344 28447 66366 94092 28850 35749 23126 86068 64292 64115
87427 53434 97891 53352 26841 51685 70377 98396 47460 43406
30194 94078 61506 55002 10909 90931 10096 09312 88022 47966
70873 82535 57349 93358 05206 58913 02180 28986 24599 81602
41393 39745 81054 23173 75714 93595 11026 24182 74308 43264
87691 73243 68885 65543 61200 27038 47521 99127 91604 93710
65368 66923 04151 28078 14449 93765 21618 12089 19720 55482
53406 18980 53590 20251 46037 84558 86088 68169 24775 34052
12858 99987 81050 37961 28173 70945 85364 95353 35166 10633

30378 68041 10438 14835 33855 14063 65266 20280 56167 93936
70569 98233 12025 48090 37834 27888 81143 68925 73188 35460
47520 15950 46802 09962 22009 47411 44813 31561 27885 66872
95950 73480 54088 08170 90066 63367 05827 07178 30737 15077
07230 33842 89140 66799 03745 82887 51389 86470 92953 46672
76505 30417 41505 18594 07235 66142 62848 00506 00872 95230
15457 12577 72293 37268 98220 29026 66398 60751 48713 88172
02108 71896 30995 50247 55156 97297 92670 01387 71829 21378
95858 27261 30842 64550 51784 04766 95558 13049 13665 85223
23730 36355 07590 67514 26928 53155 06075 84600 96891 31778
73977 51858 40938 36036 41464 50660 97366 00000

17419/15707/13446 kHz, 29-07/30-07, 0600/0610/0620 UTC
11166 40122 26841 25098 03059
91329 61209 12389 75337 41187 30183 20026 49144 97201 89613
36137 35334 10524 39081 52738 39569 12367 24176 20420 02962
24081 05638 87768 67934 30224 43426 15499 17623 19295 19178
82475 74742 21844 45479 25819 70872 00623 35388 82284 22084
72483 30653 23091 71851 66692 12060 99400 87191 49367 40339
40628 18962 68703 01085 72768 62248 00705 52111 48933 77801
00072 96691 09282 60436 85968 31104 12533 65342 17331 39945
06247 28246 37415 37621 28064 40357 92277 79480 55090 64030
52857 91004 43611 00101 95372 88503 26326 42806 19692 89755
59291 83244 10391 38026 35758 47313 70167 87897 09089 79047
80312 26361 91947 05316 67913 27594 23944 42792 84482 64867
24922 33159 25708 28019 76084 17462 46997 19935 96133 85572
54507 30468 04618 61673 76361 11235 89675 11727 43714 99732
22361 83850 36383 66207 84738 17536 72704 81713 03931 82660
48324 30803 09322 34213 53598 17285 55077 93688 24296 36479
75197 93074 05286 12420 63269 42372 31908 23436 94117 06596
58697 64548 29534 03177 90168 20115 75279 55716 93331 45180
81539 65027 96633 78938 04030 83392 05024 38773 67929 02988
85802 68299 01834 94401 04974 37844 33916 56189 18766 20808
67480 61400 50016 94341 78105 12015 04108 37780 99544 37228
04145 27261 90593 96521 50052 49982 00099 73457 31289 86513
72297 71126 47861 34622 59675 45205 19330 73038 35538 35534
86483 88591 23472 82182 35382 15176 85885 36914 98451 57958
38821 06003 12312 01284 85233 85334 37035 23708 83893 73732
66512 68598 96144 75439 84631 43736 77662 27700 46927 48361
07433 14378 92421 51093 71114 51547 15322 67176 40996 55987
51265 08471 19709 32536 57810 04637 39908 41218 93847 18951
37091 30103 27627 07185 37752 44818 28082 92992 30053 50662
19149 58233 09204 28256 01754 71677 14740 28662 73171 04529
01873 98910 98423 06200 14119 13888 13430 38774 49382 75490
64571 93608 36681 98303 00000

11166 40122 35782 25099 02919
36413 49432 00192 61139 20773 14266 87466 52774 53995 49256
75081 95483 97262 46921 33617 57088 39274 73676 84774 69210
28730 01028 01097 44643 54966 77490 09312 12797 18923 52164
51969 46648 61623 85911 87066 79625 42372 11067 30357 35876
83838 25623 70013 22352 26227 32819 08347 56146 57712 62086
10259 25524 13340 32273 63130 08076 59561 43091 77808 94446
06606 05732 85408 91062 15877 48563 09593 00301 94543 58881
19037 01536 94540 46617 89743 81508 58136 40968 31926 87442
77282 55863 61111 01354 58913 85227 18187 58992 13392 13959
68044 61844 08289 55567 31534 55648 54679 52416 30407 73835
18147 99493 49929 69370 71685 77657 48859 83390 32678 07292
71481 24109 51146 58314 41373 54403 41463 77458 41598 11541
74699 18791 11013 07461 73812 88377 11379 83068 78847 39059
44954 14966 74350 76250 27269 98060 96169 60721 44758 52498

59848 19280 51952 28340 77778 99311 87896 06437 57315 28095
16505 18932 97035 62848 20522 37825 23332 42431 03789 05051
34514 76643 81494 02486 44635 34063 63105 85345 44200 14353
57655 27392 19957 15982 56090 51394 00964 35286 70347 43283
23107 57826 33862 73437 29266 27955 93188 73530 47311 07559
45421 42382 13119 59883 01101 79255 30797 19402 77300 68032
87298 33658 50575 60698 63627 88010 24459 33590 09803 49235
91202 14832 75789 88906 92436 06395 15567 72498 08445 49233
06531 25156 30746 04914 51420 10056 97654 52196 54941 80302
97524 21985 92298 90301 69353 19102 11794 77540 55435 04312
38707 50717 85754 35036 72626 45151 98807 88201 95427 31426
28534 13651 32082 88179 12046 91560 31484 75000 97854 92291
59489 66362 59266 62134 21347 32516 42642 83354 55705 78310
05208 82002 67400 75850 22105 81909 91193 51940 67369 28317
03652 16250 98511 29566 25368 41146 99415 90296 80690 99289
00000

Link 60070

11469/9293/7843 kHz, 07-07, 0030/0040/0050 UTC
11166 60070 63481 07001 00049 00000 00000 00000 00000

11469/9293/7843 kHz, 14-07, 0030/0040/0050 UTC
11166 60070 13579 14075 00049 00000 00000 00000 00000

11469/9293/7843 kHz, 21-07, 0030/0040/0050 UTC
11166 60070 78451 21001 00049 00000 00000 00000 00000

11469/9293/7843 kHz, 28-07, 0030/0040/0050 UTC
11166 60070 85147 28001 00049 00000 00000 00000 00000

Link 70048

11546/9974/7915 kHz, 02-07, 0800/0810/0820 UTC
11166 70048 74563 02001 00049 00000 00000 00000 00000

11546/9974/7915 kHz, 09-07, 0800/0810/0820 UTC
11166 70048 96748 09001 00049 00000 00000 00000 00000

11546/9974/7915 kHz, 16-07, 0800/0810/0820 UTC
11166 70048 14789 16016 00049 00000 00000 00000 00000

11546/9974/7915 kHz, 23-07, 0800/0810/0820 UTC
11166 70048 78451 23001 00049 00000 00000 00000 00000

11546/9974/7915 kHz, 30-07, 0800/0810/0820 UTC
11166 70048 96358 30001 00049 00000 00000 00000 00000

Link 70059

10538/8107/6791 kHz, 06-07, 0400/0410/0420 UTC
11166 70059 74123 06001 00049 00000 00000 00000 00000

10538/8107/6791 kHz, 20-07, 0400/0410/0420 UTC
11166 70059 14789 20021 00049 00000 00000 00000 00000

13881/11159/9188 kHz, 01-07, 0700/0710/0720 UTC
12183/10629/8138 kHz, 01-07, 1200/1210/1220 UTC
11166 70202 37218 30020 02359
62985 24226 73301 94767 16274 88239 63143 02525 96129 34574
38599 41198 08857 57038 55109 94992 85518 36111 15925 59441
75137 48727 39781 73501 73945 58238 29441 56050 76591 14234
89564 88956 60267 16914 67327 13928 37686 25706 14228 35310
39830 16797 92529 46034 14440 19288 74764 18897 51148 84645
09745 30352 69223 69142 53512 09024 28839 33971 88668 26096
51818 92725 80520 69801 62796 60929 43482 71170 86717 87307
16165 73235 63627 71474 68599 60887 66681 97747 90020 93555
34323 39752 30658 07920 52544 15519 95970 82809 48197 97753
16758 83518 79266 08979 43583 27689 33059 56212 38959 39969
68240 84896 65719 87626 61649 56749 95019 14307 45845 81222
82406 14124 48311 55274 85389 13273 68252 91113 20953 51341
51930 36635 86451 79527 52476 18207 92316 17930 85106 60513
80017 39112 13687 63140 23719 70122 29587 38576 39063 30160
08754 41333 47517 46068 57945 42870 69728 12854 86060 32000
46318 91413 61511 45475 09554 60643 41555 58432 54344 66145
84550 89397 81975 32697 81052 99516 15054 32673 64693 90722
07066 27622 88793 32509 95008 25165 79617 72010 68526 18420
02248 07063 53986 00134 99973 26947 36931 68699 93167 50494
71352 68272 48566 16240 49216 30136 54895 04315 28677 07543
65786 94766 44424 21184 95912 91994 48597 57507 81286 69977
55696 87038 39652 17997 89941 94919 91915 91537 58511 40843
30546 98042 99091 90556 45892 72230 75184 86153 46336 20638
17602 47305 33242 20233 00000

13881/11159/9188 kHz, 02-07, 0700/0710/0720 UTC
12183/10629/8138 kHz, 02-07, 1200/1210/1220 UTC
11166 70202 28794 01021 01759
29937 04883 32687 55272 01956 08864 59432 60201 67678 68174
35912 74576 61041 50507 65713 16882 52260 70987 19642 92110
96070 27099 79134 52532 54280 05195 37565 48001 66074 25787
95405 45503 64513 19776 10174 22639 62659 52843 87097 64702
57770 40160 21444 20079 26998 18625 28446 93617 13021 68806
21762 82687 23071 03780 26409 85593 89756 67043 37107 37042
67161 06712 57970 50351 60611 18156 84481 71078 13594 72293
13693 71765 00226 71714 93586 42488 96731 01821 47527 56884
30366 69171 34757 18370 29211 44229 32861 16205 21292 50686
53137 46125 56442 68554 24826 75196 49371 43220 09112 55608
67345 17640 28856 17073 10949 29867 24986 92525 61343 43100
75485 56817 92465 00440 37915 83080 71609 21532 01409 46456
96821 83307 59082 29875 44551 51975 36783 11579 25994 58484
39132 39059 75559 34623 98783 19117 19910 51957 39848 78723
00998 30781 91408 76362 51554 11280 12080 68555 46444 04084
11532 61245 78345 62406 79928 00733 31183 42950 61211 83852
49747 47773 31171 92071 28949 64295 66238 79204 71137 45640
13942 67427 84920 21173 00000

11166 70202 64318 01022 01839
80267 34200 72828 24992 76846 95902 38195 50052 63109 81159
79794 62645 89188 27813 97744 92927 28693 93034 98597 52044
04310 00106 22939 38906 65461 45433 74272 53326 97700 64273
41347 76424 68527 78570 31135 04272 39321 75375 54642 45683
98073 89257 32737 20110 92614 87161 14186 16576 69002 79146
23083 99570 44788 03436 77863 72870 71828 59223 49087 37191
68331 85673 48174 02638 24836 10547 64288 41869 13794 16891

91558 94929 57469 01242 13808 61671 33805 21759 38995 42714
24985 59743 00559 14882 38348 42973 67827 52046 54352 04287
32712 27314 81286 73869 64852 57506 21397 28652 52404 75858
78134 47293 70661 43875 59201 44152 45698 38292 55081 80712
05219 74064 97753 77879 33796 49332 29264 77591 74701 23297
34848 27195 45496 62940 20293 84999 59584 19535 38228 70472
70909 20875 93023 07487 83978 90162 78991 34089 96415 27501
31578 77195 66212 14913 96230 15671 20878 30840 44624 80228
50671 85047 92940 63577 53101 09878 01893 39267 20883 68789
63160 12655 90542 68117 01954 52441 93851 82998 50371 76217
79276 33385 71242 88439 95646 71104 37152 94296 55201 63883
94326 22181 00000

13881/11159/9188 kHz, 03-07, 0700/0710/0720 UTC
11166 70202 36985 03031 00049 00000 00000 00000 00000

13881/11159/9188 kHz, 06-07, 0700/0710/0720 UTC
12183/10629/8138 kHz, 06-07, 1200/1210/1220 UTC
11166 70202 89542 03023 02279
21322 66160 48904 00802 03359 17340 47567 96911 42697 32110
32411 79120 58823 13834 24911 53116 46749 45459 54240 11921
82307 34733 77072 03611 04490 44659 23636 30385 54529 07653
62238 39910 76410 46826 99432 94900 08484 52838 58009 31852
20889 89741 00019 44868 78465 28287 86987 55532 33832 30087
94543 54747 80341 31113 23612 27483 19575 97936 75382 96372
23078 55165 82243 45099 93029 07506 11844 07499 51511 04896
86504 33324 13087 24137 85133 66610 20369 65473 19861 97573
47257 87543 04561 73977 99547 29153 57459 82918 67579 91301
05007 38955 10636 77896 79214 39516 77758 18597 25629 73542
94683 22231 64142 94283 71571 34209 69823 92187 11230 96376
65949 28835 22512 32758 46438 17839 68575 09605 69864 63657
04693 43199 92233 94252 85303 53859 30728 48538 44989 89559
75588 04546 83057 67625 92328 59250 06439 07933 81469 96001
10560 56044 87984 00479 02895 19724 77634 11126 98887 67278
22385 14998 44917 61136 62097 24948 47999 25133 34672 99107
16926 68916 91838 88579 44502 17922 42778 24306 85597 22349
92764 79016 10678 43584 69012 65224 39515 41494 50920 55192
84759 11049 46895 33804 60065 41682 84949 20288 32450 97856
09247 19727 23586 44254 99805 90282 89697 64026 57520 37094
34767 43558 21713 68758 36720 22168 12388 77358 91296 30186
14379 27956 03278 63853 45580 68500 79763 70469 76449 96080
05196 42234 92966 40462 02799 23225 00000

13881/11159/9188 kHz, 07-07, 0700/0710/0720 UTC
12183/10629/8138 kHz, 07-07, 1200/1210/1220 UTC
11166 70202 15984 06024 01859
77430 88008 95432 73686 38042 87283 05985 62865 93668 52260
56024 93423 21209 28454 53172 78736 38881 38662 44998 99488
39342 67341 34609 50397 67052 66160 02206 16720 44563 04195
49777 66483 77414 11179 11130 69375 92341 87267 94433 78233
88463 77734 49476 34064 06148 36057 76815 80543 43242 23807
21005 98922 73350 20802 15102 99275 45856 43951 68618 29048
72362 98220 16127 84807 29252 08172 68695 38176 31044 03504
35339 11840 54238 57033 06681 66611 16344 98557 18011 85450
39759 53031 33918 65406 55208 76496 21702 53399 24418 88207
05736 86791 86717 22382 19971 24682 59251 48018 00784 80855
45494 30219 87331 94337 31753 31453 21620 98474 76345 76197
65468 74498 21145 27398 76547 00491 80165 48181 10697 31700
84902 47256 42695 73143 91080 31451 22673 30430 76529 13812
10360 49748 84850 50703 54353 82940 94577 06353 08588 38627
18513 68280 03209 05294 62923 62032 12015 57288 01288 38676

83684 79673 42289 33487 28948 72855 96720 19265 80910 22939
73018 02709 70703 48745 56082 37305 85659 61425 49098 51154
02192 97602 83019 13174 10566 12003 23432 86120 73757 40475
29451 39863 87577 24183 00000

11166 70202 31854 06025 01779
43180 40329 74126 73845 03360 16877 95951 82581 66076 30631
90491 08648 85818 89174 46329 23264 35154 12738 26604 27061
16926 88952 11534 06452 64835 69496 50410 37360 80833 50831
34002 90997 82778 06196 23315 21386 60769 61072 95625 39298
65624 29279 93744 02319 77908 51914 89437 75697 30985 06303
96946 43701 86488 77161 97540 76131 85689 07151 61046 79712
25175 69016 75282 89027 30274 26491 19349 76691 24684 76166
41692 87452 19722 87491 28900 25907 71642 83121 76153 52512
80459 26775 95281 67588 28711 10800 21340 87999 83598 60637
03676 46192 10948 98362 92390 66290 74423 32501 56163 96927
18429 66298 92342 05499 58141 41632 15280 63533 25111 60763
33807 77865 41865 53097 53823 47294 23952 79163 66904 49415
32864 88976 10903 87321 28277 76992 13439 50851 93048 00825
54251 72073 29397 55918 07330 79703 49719 23379 48772 82126
10472 33117 41293 33728 62554 09525 31348 64203 16634 91857
19769 75554 46853 46503 91896 36441 81349 13343 18102 28586
53029 53373 60672 24919 09039 89790 47971 04147 02353 59721
01824 31433 13943 18774 29068 25175 00000

13881/11159/9188 kHz, 08-07, 0700/0710/0720 UTC
12183/10629/8138 kHz, 08-07, 1200/1210/1220 UTC
11166 70202 13458 07026 02339
45637 11098 39710 32007 78182 50001 26326 81733 90809 36924
98926 29888 33398 39314 59960 89752 52603 66686 13231 36486
79858 29410 51571 14198 10497 53053 22332 32186 28673 21741
37904 86263 57770 48944 23441 66130 40984 99158 18971 34709
81774 08894 78106 90397 98860 80413 30504 48164 75459 46675
00300 00432 07450 30890 97672 43682 80146 49159 25752 81721
28376 29602 70039 41543 59547 46437 62537 62729 44386 92435
37776 46314 05044 38189 22915 74073 55250 51640 29121 34147
72207 76294 36405 13957 04909 91570 89091 46340 48573 03706
44135 19846 39875 40679 39445 89134 52665 49562 74420 46400
98874 19760 19886 39778 64268 80558 99599 49653 33756 46437
10535 58822 85948 08562 74123 77439 61627 95911 35632 08683
35835 54476 53887 66079 48264 17949 48501 78438 71634 68365
96820 43304 22749 10124 97760 14893 45909 05815 44722 37436
23380 47313 74782 59872 92600 60552 86341 92820 74810 67436
42408 93783 44800 53312 01723 91503 96451 13448 44902 85420
83775 76954 87783 81162 42120 31581 99169 48014 19243 97832
65153 09287 70936 25837 67213 01542 00890 13408 66262 63603
49474 68730 09846 41279 61149 66120 04672 18762 85157 68279
21652 12606 89222 13502 25665 89260 90909 91248 47197 92059
36356 54548 38080 88628 81051 42642 78487 74641 52357 12331
27397 94853 98448 01442 33687 67369 53375 72868 50074 22060
72915 12606 17070 89085 20924 80241 09135 98445 10855 35306
60238 26231 00000

13881/11159/9188 kHz, 09-07, 0700/0710/0720 UTC
12183/10629/8138 kHz, 09-07, 1200/1210/1220 UTC
11166 70202 46871 08027 01739
18866 34793 33965 47230 24353 07724 57233 12408 73226 61050
38869 46693 30559 54096 20296 56207 96948 14832 41242 13978
84491 13475 76501 87500 73316 38924 86852 37097 22124 45214
20081 64755 31175 60177 23034 18160 81144 73495 50644 79570
96301 46341 82870 94264 05446 09784 85481 18206 99020 44151

75625 89650 05873 56542 78122 54356 38068 98663 83417 99096
77212 92192 43133 73168 00715 53843 64153 02566 71433 37326
87180 26523 39129 34396 60707 11108 27182 02163 46329 19551
02994 08861 16350 44005 55521 15266 29601 28412 28377 33939
96428 37174 81927 33497 68775 49314 82844 80083 16296 82809
44525 33236 74448 78790 66832 38336 75491 00287 48588 82832
98334 25219 71259 08411 98169 38308 77273 96320 01824 51600
91396 68028 79779 08300 58620 68384 30784 49577 96984 23508
39996 49065 88786 90559 96614 44710 58599 41597 81898 22679
11547 48703 63556 33001 30270 62563 57400 41637 54027 01699
42240 48664 88347 94522 38928 27256 18705 41420 89497 63154
26620 89033 97351 99317 31647 33942 14409 15433 07679 97926
86166 27171 00000

11166 70202 35472 08028 01879
09982 64207 66623 45609 52449 58035 27115 24279 24007 92727
14273 74538 77654 22598 21314 45759 51620 70708 98100 34976
44730 74423 22639 63153 91471 29495 65258 14828 53955 18616
75155 89565 72957 35398 43983 38677 45237 39677 26184 85619
19302 05126 20745 53527 26825 45066 44070 48317 91893 27463
48647 70788 85271 15001 67211 56165 15876 91201 87073 64525
76641 58514 84325 70534 86974 19317 72584 25947 98970 75758
45981 93282 59592 09400 21072 74150 45985 26561 07365 80618
16138 80339 61148 23110 42052 05226 02307 13219 17619 25247
98805 04923 58397 21592 48555 22598 35469 70639 13306 49299
10564 88337 84299 73723 64642 41867 84331 19305 37123 14530
35941 03882 17944 34794 50387 03355 59637 05438 17122 17799
01620 93729 98441 63450 23868 68580 58993 39006 72187 95604
84834 39680 22238 26033 71740 17455 74527 40404 87418 10954
97542 32984 37356 93386 61215 47845 88957 11998 27910 02539
33667 17451 93110 60307 91779 06600 93013 36770 89602 27070
21191 52012 63673 17096 21531 64029 71719 79054 49636 44453
15035 10118 19857 82498 01979 38478 80168 28075 07268 38579
82061 09992 06763 23785 37637 28185 00000

13881/11159/9188 kHz, 10-07, 0700/0710/0720 UTC
11166 70202 81597 10039 00049 00000 00000 00000 00000

13881/11159/9188 kHz, 13-07, 0700/0710/0720 UTC
12183/10629/8138 kHz, 13-07, 1200/1210/1220 UTC
11166 70202 27591 10029 02499
72729 47910 04493 79405 81943 99485 61284 14850 01282 30095
00619 26470 51608 30264 81165 12765 26180 45063 97192 64677
52725 53247 18036 81694 67730 07437 32749 13843 20119 21268
29611 77982 46515 14459 65188 21868 85274 51714 02638 34393
21476 36426 23926 25473 80050 45087 45672 23981 09252 13370
93288 67198 21638 09803 13103 80205 84764 57980 27167 68644
78772 93247 60421 73303 63053 64793 94911 59958 19193 19087
30748 42899 62362 25613 58482 65585 38357 30813 72605 86875
48475 51198 80842 46252 69399 41554 88939 06492 60302 99185
65616 97214 74339 90129 17397 07749 16718 08277 27978 02749
16548 03350 41844 59007 04641 38659 96804 46892 14456 64578
35145 04855 48377 18693 48076 80437 76513 88530 33180 36224
60201 97837 69520 44171 17404 02329 40124 16755 72193 05834
56512 48370 55501 32811 64966 65421 49326 18129 39223 08543
91585 00082 89284 95388 83800 27560 41021 37419 68799 17319
66271 09136 70629 22284 68114 93192 13861 96826 51003 49823
64477 69953 30454 84018 59527 62340 61967 08906 17743 08152
93880 28747 48298 67584 73831 90005 99897 41069 63523 73922
17387 21073 41473 29025 98069 42432 98447 67022 64920 17165
55247 70513 98879 64685 57554 85949 97411 73372 27512 00289

51529 54419 76729 24777 58459 73910 10404 34300 12136 74052
77238 35736 38718 19506 44857 63748 69315 29757 05380 27462
67103 83449 40880 56451 51023 05643 03379 19484 83254 73901
89080 14460 12637 04185 11539 52969 91246 02446 03433 87928
06294 92901 01640 57712 94549 58895 95306 29247 00000

13881/11159/9188 kHz, 14-07, 0700/0710/0720 UTC
12183/10629/8138 kHz, 14-07, 1200/1210/1220 UTC
11166 70202 45638 13030 02539
49020 77255 13616 51740 50962 49959 83811 94598 17126 02535
67477 76932 49113 65518 04968 13872 64342 09871 45399 97549
31276 91843 14730 56281 59037 69820 43716 13049 83609 04062
10402 16749 17806 75308 76863 44623 57194 83160 24866 99330
59173 10185 20145 49068 37370 62678 59979 84212 38565 24030
83758 88895 94321 81623 51224 50954 64511 13204 18071 58706
14916 43662 63604 57974 96108 08159 50135 67802 15784 82542
18796 78301 21734 66985 51473 79059 37662 33779 53544 91559
19004 75226 37093 04037 20974 12577 09313 32213 95984 51924
95762 54352 62668 98017 53180 94060 13654 61927 51534 49293
54306 23483 29993 90972 89610 34448 56519 79687 01392 73339
45757 73887 83039 87862 14911 28020 23963 85864 82294 04052
60918 60771 38254 44798 38429 62429 43133 82514 45478 49297
31976 81171 20649 82923 30662 35866 42918 50645 13151 77795
50275 27442 54527 58234 53365 12903 59533 09954 36335 04209
71279 09523 62081 91101 89820 88919 24069 83759 55275 69905
11930 09515 75187 19578 83014 39368 00820 50568 57083 30213
82049 14290 76342 93730 55573 60702 97984 27875 46094 63009
11447 71894 85192 30743 97558 70833 77550 59653 71773 60432
69233 91865 78671 08387 97710 84716 29914 72880 28297 11727
02847 64351 06710 44138 41934 21412 82428 86453 30217 36866
82542 64421 22967 94767 40768 88891 60745 04445 11341 43999
04041 42438 22447 73090 56677 38285 48897 60851 70174 65091
08734 35052 46259 20822 13436 36371 79704 11254 26438 29716
08693 70529 09635 55485 64877 80238 62555 44211 40350 72978
83907 30251 00000

11166 70202 12395 13031 01669
00693 87305 89104 89371 09980 48963 46460 86223 68333 29852
89765 63366 88678 62438 95588 49810 21900 05331 52847 44516
09651 76038 70347 72832 60292 99447 62931 36002 90172 82966
70934 27174 97428 54260 92619 12350 60485 22527 34296 99717
78460 49238 07802 45795 95639 39302 30028 71833 77232 88560
04189 88903 28576 48584 87518 55121 74991 94676 75076 13434
44464 08054 54354 83407 20351 08108 10376 05462 56286 95711
85963 60980 70496 93500 26882 16738 61675 94055 66515 67084
13653 51937 29800 72313 80998 80510 61069 16668 72790 39484
05519 34404 76696 24112 98972 77366 90589 91997 45633 22503
53865 88428 88510 42752 95649 56183 02216 89756 42095 40750
62802 61823 49947 26894 74346 55576 58557 67510 56952 24743
77553 90691 25877 94503 52335 95970 16445 04840 74589 75645
34462 81333 30015 22149 36797 56839 00441 07389 71830 92476
62522 44997 34453 71367 50215 71426 15306 63579 73201 06835
48936 85683 08457 81687 90582 03390 07159 40025 76243 50677
84104 55327 45749 63873 31164 00000

13881/11159/9188 kHz, 15-07, 0700/0710/0720 UTC
12183/10629/8138 kHz, 15-07, 1200/1210/1220 UTC
11166 70202 13487 14032 02739
77873 93965 92198 83884 28140 19692 59515 47380 47659 64899
10613 63235 04067 09044 24195 07073 60991 72884 92120 53491
42969 11788 29674 46179 79745 06006 70703 92341 72165 58860

02308 54882 46832 38781 18756 40775 91713 26125 99343 09066
89909 50716 39853 46943 93738 31052 92317 87305 06347 51104
92776 66278 63026 35651 81701 44108 29428 10088 46789 37865
58854 55646 42802 39410 75820 95958 68154 17049 78078 75910
02912 24313 74280 18715 37915 64312 99473 72143 49701 83082
75618 79862 00912 90385 09312 38798 70875 31382 43906 28475
46060 57619 08205 23266 25067 70774 28939 23493 17872 37595
99186 66303 43986 99456 19949 02282 59230 24999 57050 48711
65816 79255 80561 55436 85409 07734 78932 44265 99869 58869
65011 07835 89355 93292 16155 78896 22479 53359 15599 05942
78200 91366 87300 96118 04146 79894 41404 11367 41042 52721
72559 28712 67946 49738 78245 00666 47968 64307 89308 76648
79169 16497 29892 71397 80323 00634 48949 91273 66225 80609
90525 54426 92240 31378 94994 65735 72785 50086 48448 32480
03408 85259 22405 31666 41185 57506 71048 64951 23095 70152
78169 62108 27074 33259 71004 18955 05429 49456 43150 80698
45308 35031 53753 06630 35910 74708 95159 77094 47106 33556
46197 28696 49195 74458 53303 28654 28441 54599 06664 24259
78113 99377 03562 28367 69692 77207 16121 26863 33944 23633
05629 19035 06543 88195 50633 26797 17936 02497 80993 33698
32128 92887 35077 39650 64085 86222 82283 42319 30435 82117
78097 81113 13157 90155 43842 04708 40949 55461 88324 48038
17957 21101 13571 29706 54554 00734 71826 05737 79858 59946
66012 40614 40679 29732 10828 81541 16572 00521 96686 46869
05699 32271 00000

13881/11159/9188 kHz, 16-07, 0700/0710/0720 UTC
12183/10629/8138 kHz, 16-07, 1200/1210/1220 UTC
11166 70202 15786 15033 02479
72892 69877 20621 44183 39959 77323 24975 34293 95775 00628
51945 68167 94148 06933 02845 55373 72928 10571 49700 32879
76104 02257 74968 32376 34188 69785 68771 35211 82595 08671
75838 75843 22701 46160 09341 79778 55248 27073 73814 46911
40826 34883 64343 16220 67065 46503 34210 72738 27280 44187
48181 82756 40202 33008 63630 68181 65536 37338 06683 55992
94987 74761 35557 63732 23474 30881 08315 06973 30200 83427
97181 39691 24277 49131 16643 63487 34590 51781 57496 66598
48580 34916 44043 78622 29653 67575 56624 51915 67871 16565
86661 05573 43653 83653 16413 92954 09135 31156 40625 78685
16899 44324 72262 36056 50755 04004 99505 00777 38260 67971
86214 42019 49661 84405 33027 36677 12950 85925 41291 57784
99726 37631 47026 13039 61542 37582 17077 94357 21420 93163
24669 24396 50246 21762 46554 10995 82699 49195 48906 45459
52431 04337 54193 05631 51163 33367 06184 49679 41400 82091
75285 11556 77447 19762 71408 34045 14412 02842 56529 00350
09878 02147 74154 50146 47953 41803 37866 91057 40361 23463
46129 41468 84267 34206 15568 65622 81541 61572 49878 86953
49122 64164 86571 90562 75191 71246 88748 50805 00835 09793
74064 44904 31868 82408 98102 38541 10547 44572 34322 54357
01805 54627 17776 59298 73747 94968 44791 31748 77062 87858
45788 94386 53046 54301 73430 23699 24929 89435 73304 72095
52194 52856 29291 63555 52565 97316 00848 48749 21363 84256
94356 30569 02907 59570 35757 96007 93661 88078 36626 15324
81807 70121 70903 94426 52916 33245 00000

11166 70202 92574 15034 01659
27024 17157 70403 11393 24334 25032 13577 32092 81173 21945
91698 40391 60634 56630 89825 43484 83231 29395 73139 60522
85908 05883 49516 04200 73710 94212 48986 46812 93832 33941
62278 81723 86706 70275 05634 16184 93835 11975 04072 56433
27049 96384 10314 71018 28872 10035 01521 43286 78699 38247

21064 48956 24449 42173 57500 19745 44401 86724 77933 78951
68895 67807 57971 59958 16577 12323 75442 43578 24886 49343
60071 75189 79473 75935 16301 47586 72218 66035 61444 60498
42566 95834 46361 92700 81833 84107 50830 47667 05205 70913
70832 58684 21087 83120 39899 64386 52511 60179 51743 90633
90277 38589 76338 99676 82526 18495 86649 92541 90417 60848
38188 75576 64615 88571 68596 27097 22258 90168 09427 25065
29107 49209 27330 21741 16558 48129 36809 76245 88198 19791
51758 80971 95612 45228 67948 42775 88101 21024 93660 04898
66026 44755 70654 20542 92441 91933 52650 14046 42732 82904
33522 90597 96905 63102 42384 80413 04270 45145 47761 28336
75140 86163 38025 34163 00000

13881/11159/9188 kHz, 17-07, 0700/0710/0720 UTC
11166 70202 91562 17042 00049 00000 00000 00000 00000

13881/11159/9188 kHz, 20-07, 0700/0710/0720 UTC
12183/10629/8138 kHz, 20-07, 1200/1210/1220 UTC
11166 70202 14892 17035 02619
80511 15788 95927 07823 10313 98017 38711 07549 76161 54270
09614 83194 24816 73393 03137 33617 57273 68944 04922 51255
31891 88540 07220 43238 88692 29153 54151 01428 18310 75560
02683 51069 23990 04122 10271 32739 50100 19077 85099 97289
75582 13549 59850 18463 95781 72443 74953 52870 41096 59434
82238 02023 05868 55208 04941 56098 85986 39175 14992 24137
48599 31821 13527 80347 82404 39891 25558 81218 01941 71596
44746 33108 04316 14020 89201 15023 01822 89926 54264 86251
78861 36147 73187 33550 46629 70737 21676 37564 93983 41092
27206 63185 57949 70203 69064 03510 62287 43249 80056 32106
97561 01707 85803 43263 41158 37168 42577 84923 40676 02050
59611 13975 09133 79391 16819 28587 05432 78914 13859 57301
98511 51544 11485 09528 38634 39573 51121 17174 84228 04662
63599 22059 57750 00851 02985 88826 28969 84785 66447 48025
49149 80335 86099 99062 84534 39792 03747 27699 22595 68839
64484 17787 49461 07480 90080 61932 21988 84107 18083 00771
82887 84908 17580 45549 92358 05784 17568 63682 74670 78980
08848 32002 03109 91616 05396 87354 71753 38282 76144 29263
27502 74922 83110 54312 60784 66163 86810 26977 78409 43296
04898 16545 06980 15080 34955 54858 00301 98573 77392 94528
49244 62172 19377 72338 17483 98038 65731 07500 51539 66110
27750 89465 38597 76888 05858 34981 10496 05171 27052 19055
17359 51941 23077 09552 19287 96579 60242 60081 69551 06600
56859 40873 87738 97092 49192 12334 46263 57060 91897 70960
18704 84836 03866 22311 63388 99773 95409 60707 40675 22390
37747 60370 87359 40158 60694 07660 96651 01125 46587 35259
00000

13881/11159/9188 kHz, 21-07, 0700/0710/0720 UTC
12183/10629/8138 kHz, 21-07, 1200/1210/1220 UTC
11166 70202 13529 20036 01519
90499 79182 52681 03048 56457 92557 49097 90929 15414 37721
90010 86887 31744 00004 94331 21769 16192 90717 81592 83062
30307 13100 20387 50813 34732 47479 72985 14480 42269 60382
59593 87947 61674 67245 90661 64867 43109 03427 40719 81515
61194 83211 62125 79361 96592 51492 62219 84529 02068 57804
92277 46342 63953 07426 21724 02133 94968 69202 96037 60517
19321 44807 01782 20308 36027 29111 87206 67261 71401 16350
11851 15842 56634 31786 23587 88199 91409 93544 86542 47534
79494 34307 08346 28045 47241 37564 40114 28656 80932 68100
47639 62683 43912 01407 77206 80664 59445 81710 64471 08509
70230 63297 59843 68165 10512 14830 68816 73010 51729 91335

30668 15116 07641 03565 83985 86608 09849 39392 92437 02295
89681 16963 29243 15742 27360 74260 43765 46008 54377 24788
58673 57200 20050 34053 71110 58051 58164 96538 56299 13711
14650 17850 97025 86920 22235 31726 87446 50779 33011 36149
00000

11166 70202 85327 20037 01699
03970 06730 80865 68596 94271 91672 18358 47955 90701 72695
21242 68333 07835 61804 20238 11726 72606 53519 62136 58051
89469 69394 26172 35782 37287 61239 33856 39858 02649 96456
69456 02824 79309 73962 53305 30125 88414 44098 35129 35503
99228 30987 99582 37421 55027 80769 01180 02471 33860 84160
70807 46683 98862 46751 61006 30686 17804 05508 22212 09654
56563 14900 27132 23971 76217 51091 85472 41560 88433 07638
16162 87810 48840 81127 69300 24037 93089 70196 14995 60413
45265 36361 41274 14316 53358 00109 28285 50013 31465 70673
90927 60646 13426 32949 07154 78423 47563 39957 74082 23981
87234 84329 59147 30843 56858 47227 38440 05905 98131 48139
39453 11910 26097 43994 30410 82811 49770 51035 23355 08007
36999 87875 83204 46336 28254 63189 59946 55817 29028 56466
86165 50034 35538 65275 07093 17126 73417 17457 35357 62309
54077 71713 47640 59876 78442 54997 65400 25597 42724 10165
86878 45477 25945 52316 62555 21791 63877 57268 31251 22352
39104 30588 59061 43924 41878 30637 48313 37167 00000

13881/11159/9188 kHz, 22-07, 0700/0710/0720 UTC
12183/10629/8138 kHz, 22-07, 1200/1210/1220 UTC
11166 70202 95638 21038 02359
26580 35617 90600 49303 60689 26724 26194 13780 46763 31321
99112 22097 77184 78675 67495 98912 20038 08211 98445 04715
77648 05943 69000 34430 48344 57043 47666 18851 02379 69196
29961 96093 07947 46442 26399 45259 68242 18201 26347 99487
55484 53161 86204 80597 52854 12712 15335 22487 40280 23619
58186 75505 85007 74624 96048 08959 22893 66663 16864 53947
41354 71372 26556 53731 99922 77599 00289 13794 49331 30577
97108 68802 35066 93463 86407 08657 96343 85942 59632 30799
96418 79544 25689 10982 45193 54409 13474 09689 00034 47155
29978 56376 55760 44548 47387 78742 59723 02663 17626 69200
12927 96211 37782 05744 43113 27754 14847 69399 60764 51431
03210 25448 33950 90964 13342 60595 42958 56563 15112 93298
00654 90451 84163 99416 49490 95693 64806 20383 71124 28014
47833 46086 69564 55280 86733 89644 13793 14368 00709 96259
50793 20055 37949 53346 24931 05671 97599 94109 64619 00168
33860 11778 22201 71295 90639 26659 78001 89592 40226 73219
44465 92850 24395 99371 31342 55768 21394 95151 57835 94455
87242 92985 22667 60501 44793 06717 67982 04266 18977 01599
98052 12113 41679 12428 38687 47244 74684 52007 48312 48838
24123 77133 16648 69182 44857 04288 11919 53473 58253 92223
62533 91980 31761 33636 84185 99273 93751 23097 88287 00166
82051 93452 32702 27105 49593 37864 00686 58664 75644 59678
19006 53839 56035 17317 51137 61831 70828 56379 26516 12006
52867 46131 91741 38233 00000

13881/11159/9188 kHz, 23-07, 0700/0710/0720 UTC
12183/10629/8138 kHz, 23-07, 1200/1210/1220 UTC
11166 70202 28459 22039 01539
54710 66922 30581 42477 97905 19580 99449 25560 61221 46651
42253 51727 27310 25929 45593 17143 67793 44494 64770 72799
85073 26541 56666 57668 21825 99580 04515 91315 67849 47463
76760 36936 18982 23652 87183 70731 67733 23192 48485 18577
30356 36804 36508 45900 40033 35547 07303 11737 60856 59483

34203 22868 02297 08786 57113 49005 38859 60724 61187 84936
64582 60968 27093 70595 37108 62644 20041 04964 90979 11580
09777 14773 24864 01185 38714 63918 92391 45392 80398 14537
51297 43105 55493 75684 50547 32586 97472 00547 60141 59223
85206 18120 73282 05114 84631 10307 35591 53906 66688 70356
81062 89320 93714 03591 79449 50816 91488 56355 24753 94807
49098 84124 19525 34900 13835 94713 34644 59552 73288 27516
49283 50632 41842 54720 00726 51275 93749 15433 98743 56507
09975 18654 84208 25055 30998 76032 36629 35782 32757 50347
60300 37198 67930 30645 03760 63467 39733 69982 92224 15356
00418 39151 00000

11166 70202 34759 22040 01799
85189 04057 02070 39535 34006 17787 97371 41412 30675 39807
12076 94080 70511 25278 89914 30919 69020 69769 73957 68334
88482 60924 58637 34611 25954 37234 77409 76983 92396 02394
68250 57874 37587 68651 84177 76222 00534 27605 40966 74851
90058 71875 19273 19810 25246 16096 63331 62620 90439 90654
43428 21376 84482 06635 74319 41624 68878 15374 06812 22972
44565 11097 34659 22351 11997 50048 83987 69881 94205 84571
77426 58266 27543 35562 90128 91668 49785 51738 39878 04987
40286 29166 78470 89487 91874 89477 76537 85715 19169 40214
19032 29634 33012 65741 53531 62918 35702 22161 58569 43351
16718 34669 24173 16254 53613 20797 61789 32886 47778 87955
85801 26758 49749 78748 33810 83790 53761 62467 17869 67264
66220 96215 23873 83480 77793 04109 01271 99092 93798 47965
10302 46034 02582 87944 18936 74974 86570 56570 66714 43255
05690 94559 37662 48232 07831 21910 09484 41969 46057 42680
71201 88211 07235 06901 26450 47585 81777 78042 24595 01958
29193 79499 86878 53895 19117 18507 19762 62149 52522 10939
32674 99130 92792 55424 02333 41274 61344 40177 00000

13881/11159/9188 kHz, 24-07, 0700/0710/0720 UTC
11166 70202 28791 24057 00049 00000 00000 00000 00000

13881/11159/9188 kHz, 27-07, 0700/0710/0720 UTC
12183/10629/8138 kHz, 27-07, 1200/1210/1220 UTC
11166 70202 15489 24041 02459
93839 08520 79877 78230 61720 82378 49469 67815 18481 13759
61353 87592 46393 34700 54115 97454 54770 15965 77547 01220
11995 20920 30776 81022 36230 52864 67678 68132 68270 13010
55514 79885 74951 11287 97728 77419 56564 97177 56839 23894
56715 02749 38373 47887 98059 15085 21762 41659 92356 20295
49161 48959 98272 86301 08102 22079 25383 76576 68943 52825
07794 12023 63037 07109 95839 23194 12555 17835 39279 60026
47915 15783 60431 51280 73742 03154 40696 30881 69303 99492
68884 73334 34346 14654 24809 05416 16294 28506 96564 86312
79723 82067 54930 73420 04061 09746 33349 15960 20439 67385
86904 43617 23661 35805 28739 42397 20185 04502 67354 34861
98092 65228 93226 06958 29964 70115 88173 48610 44599 34032
55916 00274 28523 85877 97266 22629 43220 98477 78385 31611
69024 51790 65541 65956 11603 09094 24810 79455 31983 10855
10154 75108 86048 15955 88322 23348 84442 44971 73998 31548
08825 05197 73638 56973 45407 02084 61449 80388 21716 66798
35916 82490 57517 54582 30353 90360 65830 93597 75876 86126
64984 88949 40273 95017 87649 11572 91171 95004 97767 26661
56978 15202 51342 41354 83998 15236 62004 76329 13189 62751
57309 91014 24973 51251 36687 17107 25565 25461 66995 80075
73236 06391 76600 13334 67952 33299 33940 94790 52834 64736
21491 60435 00871 05860 41084 74669 85323 54200 11506 62067
57259 81080 44322 30244 78647 90859 08866 38522 84467 25201

22312 92097 72248 04544 25801 66369 42497 23972 32523 91138
38435 45666 58724 41243 00000

13881/11159/9188 kHz, 28-07, 0700/0710/0720 UTC
12183/10629/8138 kHz, 28-07, 1200/1210/1220 UTC
11166 70202 95631 27042 01779
50848 67808 06253 53232 19661 23159 90891 73172 89698 58131
55198 69573 84235 84387 08927 23413 44171 61476 00096 01127
08393 92411 61611 31479 16899 33011 26741 26680 35103 07201
74369 52419 22779 45461 89979 76518 96062 88605 53295 50884
55963 24076 88512 06446 81812 46949 38082 65774 13099 62834
45948 03058 68106 74856 61205 06136 72821 21908 98106 20265
98521 60349 13347 78314 31498 06373 86577 47069 23337 81174
15078 44346 95218 26169 58523 06583 94640 80391 94789 11614
28037 37311 72732 86304 17700 23212 72870 53739 56465 64353
11925 99643 58582 35082 52136 62736 30216 04094 01308 78691
08017 21019 14511 32404 39191 10539 33382 98244 01515 66198
23958 72981 86727 61117 98989 31081 95737 17788 35655 57041
19089 04135 24627 34481 01111 48036 11427 96639 11206 87489
15994 68002 70693 98605 41425 51716 08670 68630 07802 42501
45295 06162 72059 69738 25975 05773 19826 00410 54843 09206
40172 56605 01011 30350 19210 27255 75998 36162 13473 78792
05802 00737 89022 94433 46024 74714 37215 96750 13505 37199
03062 33239 32903 22391 87128 42175 00000

11166 70202 15647 27043 02039
11778 58302 94201 01627 61129 09215 21004 54159 03015 47861
25852 64105 19475 54728 37615 83023 79312 03891 51945 90507
62213 77342 71645 39811 05611 93081 15896 47708 72746 39173
59261 33283 65360 30934 86418 35328 29448 33471 73549 63050
27518 16720 32328 59757 75791 35206 77445 84224 69785 49690
03602 39426 46706 32904 82915 03313 58102 26543 18676 41333
51203 41732 16384 05372 82391 20125 58009 48813 11239 97837
90415 12399 48547 39402 63879 60567 56831 33928 81643 72986
26678 70660 46443 20930 77427 36114 14946 83218 55601 99978
96036 81394 29525 81988 53884 38819 03582 16927 01737 93389
00532 59968 97373 18550 85329 99537 76157 32297 28890 69877
82618 98858 35234 80510 86511 52732 80440 04782 94288 99779
36863 94675 91911 75059 81036 14079 79952 62080 08705 07704
86923 03174 05420 47830 71754 55661 46152 26070 51377 73517
22328 82347 14344 19201 19756 88259 06414 35357 95867 27031
99055 31060 29710 37232 76794 62305 43130 12455 04343 11423
16594 74134 59457 95098 48059 59700 42451 55703 28367 93254
98314 15612 31566 30945 12353 99187 43612 98242 65315 52142
77898 61296 58922 12935 51022 99561 47745 15924 17258 71879
38371 30926 85148 93206 41784 68906 64667 64172 89921 08460
18388 43201 00000

13881/11159/9188 kHz, 29-07, 0700/0710/0720 UTC
12183/10629/8138 kHz, 29-07, 1200/1210/1220 UTC
11166 70202 21753 28044 02299
73970 36832 94492 90422 87412 80187 13788 08358 28809 67947
67304 03722 15539 06117 55650 07460 16851 88571 61365 73077
79249 17732 21041 80953 66820 99941 70959 10338 39936 32743
52221 08697 20777 26230 86274 13125 19107 25678 56791 03486
16737 27623 58833 91980 34124 06592 01241 78833 27533 94660
73173 28769 90198 81031 10759 47990 55938 23822 24773 66319
28632 91242 75288 54216 86029 74360 04238 29330 31306 38632
61825 32306 90807 06391 87722 76510 81428 87480 32981 01365
96058 00223 33616 83988 80524 49900 71780 88825 00481 56950
85471 59948 21676 52049 12721 85726 52040 80283 81181 90539

19017 81588 79074 33237 80598 39640 68411 17017 93475 16398
26445 40424 86771 14475 26277 44142 14764 34531 92568 33282
87054 19871 93277 79835 99622 05433 53375 35004 15183 13372
01471 06069 66310 62395 85284 77503 79749 83071 16905 81015
45350 56270 33768 44191 78078 16945 86299 72452 46519 90429
88151 43994 66333 53440 89974 22404 82087 36979 62667 16635
85894 13310 01029 43042 46318 34214 83762 69148 45964 12697
50768 43837 51201 65337 83649 43660 62445 57475 00391 89949
18452 18413 00118 16410 53050 18829 18911 91888 27751 27582
82578 28019 88674 90095 67343 26400 21234 95519 04379 45023
01008 24844 89129 88622 64238 97152 81351 52638 46404 56218
06818 75481 62290 64612 96618 78786 26002 97518 24996 00339
34354 53450 31651 49370 62085 24039 39466 44227 00000

13881/11159/9188 kHz, 30-07, 0700/0710/0720 UTC
12183/10629/8138 kHz, 30-07, 1200/1210/1220 UTC
11166 70202 17853 29045 01599
58552 17625 23385 86994 18293 61932 45512 63369 42827 67740
39333 01990 11520 29297 38271 55879 94051 92840 37659 97382
05547 75958 10263 89526 32101 38986 82056 58638 62660 88153
66688 60436 88185 15155 82075 56751 54038 02831 97569 45087
76528 51649 85115 08204 59557 06678 72866 75895 72298 89735
24664 16179 73846 66394 93843 98050 95785 02549 24792 93022
18592 90210 00689 07607 02835 47237 60893 63952 61089 20669
36377 70809 81521 48366 76680 52017 39054 58640 66792 24691
55085 12558 57423 44313 91668 18602 57089 58899 91107 74396
59445 39439 96894 15158 04317 78789 16940 73577 95858 76212
15021 80815 26279 49753 41388 63299 78565 43624 38474 15005
06657 22811 82635 49918 16492 72056 47868 64357 96373 41444
02430 63845 70086 05739 74313 34224 71211 29685 46506 61691
62058 56459 67968 31452 45679 61445 91272 59669 44371 38530
72844 38407 43131 11111 96734 98242 21485 84992 07863 18248
22133 85370 65678 38020 29848 45081 54157 45157 00000

11166 70202 24317 29046 01959
90702 29349 13169 98207 43155 41975 08087 31649 04134 13303
84688 53439 01808 19409 74503 51956 06750 31588 01166 56190
92987 40370 94253 73677 71425 41353 12209 73846 50304 56296
41523 52703 02414 87889 64383 39816 43721 31670 11964 33504
53119 93492 45543 75206 87965 86008 32654 98933 75122 02586
10420 16760 82164 92106 53310 26288 98451 83084 87456 51025
80751 30529 18750 49604 43106 84012 66892 54793 95613 00353
22596 28223 61832 49373 70104 41777 29485 86158 42247 21585
14145 88260 00188 15538 40604 81272 55079 70290 71600 01232
73791 28664 38602 67262 35914 83402 54321 62922 34210 48208
11660 49672 35725 32004 98767 60912 45714 27358 84900 50022
41601 48998 56765 90845 69137 83370 10042 54047 17956 35165
25773 07795 18713 81752 86293 16189 28991 71469 10411 33882
00162 26687 12503 20337 42402 37609 15231 22141 30025 57716
70556 96826 14347 36825 68741 76637 36251 52669 40028 95671
55649 26956 78680 28837 40030 36840 44077 16067 79266 57736
18541 70221 18886 98422 26596 92121 28992 14361 45340 41152
51004 10186 60609 34859 89426 67281 48645 75995 40823 57404
87922 30451 77180 28266 30849 04483 25866 72038 90017 94716
13340 12701 18690 46193 00000

13881/11159/9188 kHz, 30-07, 0700/0710/0720 UTC
11166 70202 15872 31051 00049 00000 00000 00000 00000

Link 80214

13814/11643/9925 kHz, 02-07, 1330/1340/1350 UTC
11166 80214 13457 02009 00049 00000 00000 00000 00000

13814/11643/9925 kHz, 09-07, 1330/1340/1350 UTC
11166 80214 62918 09045 00049 00000 00000 00000 00000

13814/11643/9925 kHz, 16-07, 1330/1340/1350 UTC
11166 80214 35782 16049 00049 00000 00000 00000 00000

13814/11643/9925 kHz, 23-07, 1330/1340/1350 UTC
11166 80214 13457 23014 00049 00000 00000 00000 00000

13814/11643/9925 kHz, 30-07, 1330/1340/1350 UTC
11166 80214 92731 30022 00049 00000 00000 00000 00000

F06a – FSK 200/1000

7377/6837/5329 kHz, 02-07/03-07, 0400/0415/0430 kHz	File 44429 (864 bytes)
7377/6837/5329 kHz, 09-07/10-07, 0400/0415/0430 kHz	File 04430 (1488 bytes)
7377/6837/5329 kHz, 16-07/17-07, 0400/0415/0430 kHz	File 04431 (1344 bytes)
7377/6837/5329 kHz, 23-07/24-07, 0400/0415/0430 kHz	File 04432 (1536 bytes)
7377/6837/5329 kHz, 30-07/31-07, 0400/0415/0430 kHz	File 04433 (1216 bytes)

18516/14878/12119 kHz, 04-07/05-07, 2100/2115/2130 UTC	File 04423 (912 bytes)
18516/14878/12119 kHz, 11-07/12-07, 2100/2115/2130 UTC	File 04424 (1024 bytes)
18516/14878/12119 kHz, 18-07/19-07, 2100/2115/2130 UTC	File 04425 (848 bytes)
18516/14878/12119 kHz, 25-07/26-07, 2100/2115/2130 UTC	File 04426 (1056 bytes)

X06 - Mazielka

X06 logs

18197 kHz, 02-07, 0929 UTC	MFA Moscow clg 645321: Russian embassy Ho Chi Minh City
16103 kHz, 02-07, 0938 UTC	MFA Moscow clg 645321: Russian embassy Ho Chi Minh City
17454 kHz, 02-07, 1145 UTC	MFA Moscow clg 325614: Russian embassy Nairobi
12199 kHz, 06-07, 0807 UTC	MFA Moscow clg 532614: Russian embassy Paris
17454 kHz, 07-07, 1146 UTC	MFA Moscow clg 325614: Russian embassy Nairobi
12177 kHz, 10-07, 0831 UTC	MFA Moscow clg 356412: Russian embassy Berlin
12167 kHz, 14-07, 0436 UTC	MFA Moscow clg 341265
16257 kHz, 14-07, 0811 UTC	MFA Moscow clg 542136 Russian embassy Beijing
14405 kHz, 15-07, 0643 UTC	MFA Moscow clg 256341 Russian embassy Beirut
13838 kHz, 15-07, 0654 UTC	MFA Moscow clg 256341 Russian embassy Beirut
14405 kHz, 15-07, 0704 UTC	MFA Moscow clg 256341 Russian embassy Beirut
14650 kHz, 15-07, 1108 UTC	MFA Moscow clg 215346 Russian embassy Mumbai
16115 kHz, 15-07, 1121 UTC	MFA Moscow clg 215346 Russian embassy Mumbai
16103 kHz, 15-07, 1229 UTC	MFA Moscow clg 231654 Russian embassy Abuja
14812 kHz, 21-07, 0920 UTC	MFA Moscow clg 246531 Russian embassy Accra
18206 kHz, 21-07, 0932 UTC	MFA Moscow clg 246531 Russian embassy Accra
14942 kHz, 21-07, 1205 UTC	MFA Moscow clg 325614 Russian embassy Nairobi
15920 kHz, 24-07, 0516 UTC	MFA Moscow clg 216435 Russian embassy Dhaka
14865 kHz, 26-07, 1126 UTC	MFA Moscow clg 261453 Russian embassy Cairo
13423 kHz, 27-07, 0804 UTC	MFA Moscow clg 421635: Russian embassy Oslo
13940 kHz, 27-07, 0816 UTC	MFA Moscow clg 156234: Russian embassy Kampala
14871 kHz, 27-07, 0820 UTC	MFA Moscow clg 156234: Russian embassy Kampala
10372 kHz, 27-07, 0840 UTC	MFA Moscow clg 431625: Russian embassy Warsaw
12109 kHz, 27-07, 0852 UTC	MFA Moscow clg 431625: Russian embassy Warsaw
14871 kHz, 27-07, 0852 UTC	MFA Moscow clg 156234: Russian embassy Kampala



X06 356412

X06b logs

Freq	Date	UTC	Sequence
12176	04-07	1117	111666 before XPB1 (also at 1143, 1145 UTC)
13976	04-07	1118	111666 before XPB1 (also at 1119, 1121 UTC)
14376	04-07	1120	111666 before XPB1
14876	04-07	1121	111666 before XPB1
10217	05-07	0517	111666 before M12 (also at 0519 UTC)
13953	06-07	0812	111666 before XPA2 also at 0950 UTC)
11468	07-07	0406	111666 before XPB1 (also at 0414 UTC)
11168	07-07	0407	111666 before XPB1 (also at 0415 UTC)
13368	07-07	0411	111666 before XPB1
12168	07-07	0412	111666 before XPB1
12148	08-07	0600	111666 before XPA2 (also at 0602 UTC)
14377	08-07	1217	111111
11545	09-07	0759	111666 before XPA2
11545	09-07	0805	111666 before XPA2
13445	09-07	0806	111666 before XPA2
14873	11-07	0651	161666 before E07a at 0840 UTC
13973	11-07	0651	161666 before E07a at 0820 UTC
12173	11-07	0652	161666 before E07a at 0800 UTC
14873	11-07	0653	111666 before E07a at 0840 UTC (also at 0659 UTC)
13973	11-07	0654	111666 before E07a at 0820 UTC (also at 0658, 0701, 0705 UTC
12173	11-07	0654	111666 before E07a at 0800 UTC (also at 0659, 0702, 0705 UTC)
13976	11-07	1056	161666 before XPB1 at 1230 UTC
14376	11-07	1057	161666 before XPB1 at 1240 UTC
14876	11-07	1058	161666 before XPB1 at 1210 UTC
15876	11-07	1100	161666 before XPB1 at 1200 UTC
10276	11-07	1138	111666 before E07 at 1340 UTC (also at 1144, 1155 UTC)
11576	11-07	1140	111666 before E07 at 1320 UTC (also at 1142, 1143, 1156 UTC)
12176	11-07	1141	111666 before E07 at 1300 UTC
11576	11-07	1150	161666 before E07 at 1320 UTC
12176	11-07	1151	161666 before E07 at 1300 UTC
13969	14-07	0356	111666 before XPB1 (also at 0420 and 0425 UTC)
13368	14-07	0356	111666 before XPB1 (also at 0421 UTC)
12168	14-07	0357	111666 before XPB1 (also at 0427 UTC)
11468	14-07	0401	111666 before XPB1 (also at 0427 UTC)
11168	14-07	0402	111666 before XPB1 (also at 0428 UTC)
16296	15-07	0758	111666 befor XPA2
9267	17-07	2108	111111 before M12
12176	18-07	1108	111666 before E07, Also at 1113, 1121, 1124 UTC
13376	18-07	1109	111666 before XPB1. Also at 1114 UTC
13976	18-07	1110	111666 before XPB1. Also at 1115 UTC
14376	18-07	1111	111666 before XPB1. Also at 1116 UTC
14876	18-07	1111	111666 before XPB1. Also at 1116 UTC
15876	18-07	1112	111666 before XPB1. Also at 1117 UTC
13394	19-07	1952	111666 before XPA2. Also at 1956 UTC
14376	25-07	1109	111666 before XPB1
14876	25-07	1110	111666 before XPB1
13376	25-07	1132	111666 before XPB1

Freq	Date	UTC	Sequence
10276	25-07	1139	111666 before E07
11576	25-07	1139	111666 before E07
12176	25-07	1140	111666 before E07
12176	25-07	1255	666111 before E07
10320	27-07	0854	666111

XPA1

10446/11474/12175 kHz, 02-07, 0710/0720/0750 UTC
367 367 367 000
05483 00001 00000 34665

10446/11474/12175 kHz, 07-07, 0710/0720/0750 UTC
367 367 367 000
09279 00001 00000 36670

10446/11474/12175 kHz, 09-07, 0710/0720/0750 UTC
367 367 367 000
02432 00001 00000 34255

10446/11474/12175 kHz, 14-07/16-07/21-07/23-07, 0710/0720/0750 UTC
367 367 367 1 367 367 367 1 367 367 367 1
00807 00135 71358 42304 67927 40538 91746 40586 23682 86649
59881 84004 67479 97038 92060 58491 62898 79755 66721 44638
27029 87276 70026 19627 95877 68096 95808 53113 25774 98270
73554 81414 90900 30375 21430 68207 31624 49830 38216 35639
70829 12594 63280 22978 83461 53078 36145 17787 15386 55456
64908 97904 45912 95272 27779 96587 48931 56505 62198 68551
49848 51938 68286 24087 09589 13411 36982 46290 53185 77802
62784 53098 71213 83501 91170 69828 45572 73910 12371 51750
25017 10259 15739 16938 75296 96732 93550 47004 95806 81716
76660 23686 71416 21807 03335 20725 44233 21401 80645 47806
53375 81798 09333 29088 63843 83920 15655 16304 19831 45544
28728 77967 46893 66378 75439 55147 92124 61859 90711 79375
09488 76293 77870 49250 23687 23225 16799 94290 97621 93782
65518 78842 93148 97623 86818 90884 09951 70273

10446/11474/12175 kHz, 28-07/30-07, 0710/0720/0750 UTC
367 367 367 1 367 367 367 1 367 367 367 1
00146 00078 51126 73167 77597 47242 55518 53468 89896 44459
78052 94634 11317 81935 33770 38686 85538 90484 84011 07621
37166 39714 10435 37584 13383 45347 43980 82413 34908 70837
67649 12405 85737 56946 60581 20729 10297 84171 55625 71838
68109 45612 89493 30616 65517 27699 78829 06134 73307 23948
57106 35594 29504 84438 96161 92574 28818 65843 40532 27052
52065 73373 19654 83929 17282 31278 89619 50390 36226 81410
84013 20158 06730 26453 94857 71537 65303 31927 82800 32635
11112

12148/13448/13948 kHz, 01-07/06-07/08-07, 0700/0720/0740 UTC
00236 00093 71513 93664 06899 09665 95935 32743 21658 33066
99032 36523 59819 18714 40120 50893 95948 56588 64071 75071
04072 60536 82566 24094 70905 83961 85889 61445 69842 17725
71621 21250 11002 89259 28890 35078 51614 03534 29680 38188
61542 67740 10739 82785 34989 57420 98470 95559 34107 83175
98955 77926 19682 31079 77233 88732 54848 84821 06750 95978
91667 37905 98350 38881 59633 55751 69528 11889 80241 93113
21480 43232 18851 80555 02878 58827 09337 81642 19688 88302
27909 49348 26985 85866 61516 47646 74815 74973 91750 24492
31926 44643 45217 88780 15470 42362

16296/14981/13953 kHz, 01-07, 0910/0930/0950 UTC
03017 00001 00000 34654

17345/16235/14935 kHz, 01-07, 1100/1120/1140 UTC
00258 00057 13667 72914 64687 12227 97156 88106 05413 54066
66945 12078 20934 58935 01823 06953 03178 46174 57411 60940
88626 34374 70509 55183 26268 08414 50877 68793 39044 54018
35313 83256 67730 98408 03074 08307 25761 43376 09095 83412
95697 14499 56432 99833 06071 72305 10718 36117 43694 78067
50578 73837 55905 72409 57211 16114 23089 36053 47001 46070

13445/12145/11545 kHz, 02-07/04-07/09-07/13-07, 0910/0930/0950 UTC
00175 00048 07202 00574 43196 59913 98935 69429 26626 28461
61319 64254 49133 15743 78897 36630 45347 89822 32322 85707
53797 64189 15589 57454 06109 98560 90578 97591 43737 60812
64750 41207 30107 83407 51560 06461 65123 34981 62378 95947
37031 30874 52190 60927 95858 98023 76094 67628 39142 80314
20726

17435/16235/14935 kHz, 02-07, 1100/1120/1140 UTC
00258 00057 13667 72914 64687 12227 97156 88106 05413 54066
66945 12078 20934 58935 01823 06953 03178 46174 57411 60940
88626 34374 70509 55183 26268 08414 50877 68783 39044 54018
35313 83256 66630 98408 03074 08307 25761 43376 09095 83412
95697 14499 56432 99833 06071 72305 10718 36117 43694 78066
50578 73837 55905 72409 57211 16114 23089 36053 47001 46070

13538/14438/14938 kHz, 02-07, 1600/1620/1640 UTC
09830 00203 30090 94603 09239 29066 24392 72580 66341 11059
07536 05261 26385 33985 58358 66171 54087 51066 99004 29843
86469 97889 40489 73454 28897 70966 67642 75259 35762 21685
59437 82436 11609 95579 97126 88740 72513 08085 15088 84993
35018 41636 84518 77954 54221 98615 35750 15243 53670 56553
19669 84779 07959 10098 73699 49180 03686 70576 57359 84174
22258 61173 98287 95753 06325 78556 07008 65513 02426 47036
43787 05870 23152 82678 49083 25273 16250 64897 48061 32123
51650 50097 22630 99029 37462 30344 33512 22325 62695 37566
70094 68861 15559 55264 18326 73105 26630 59571 72758 62086
69717 90704 44615 46605 64307 07125 33381 70368 13972 64029
12580 15319 02430 34363 92470 24095 89383 31892 95577 65139
10535 73275 68560 38346 71759 58699 55067 26034 69277 96955
38222 54419 57131 26063 72662 28765 77972 64567 83114 67109
41265 49151 45650 92678 59835 61146 33248 97321 43907 43585
75950 84163 45960 12487 50436 87768 89583 06298 20135 17735
18525 21107 64913 17576 51176 56052 30320 45596 61242 18681
07086 37442 48657 15067 83972 29968 19320 56564 36611 62249
11166 44796 84855 13015 49909 36026 58332 66080 94593 56099
89037 31977 55935 15533 25472 71743 71971 72896 81944 71158
24030 40566 35152 48800 42993 17237

12124/11124/10624 kHz, 03-07, 2100/2120/2140 UTC
00651 00042 71090 51490 60953 17312 45251 67021 77769 47443
17922 76418 95196 47690 33758 18981 55818 23862 30569 17975
52378 79979 71698 08739 99767 34717 52169 01492 80423 42078
87716 62572 54630 08001 30670 54854 47388 48535 49971 85885
06388 18968 12596 32928 61250

13954/12154/11454 kHz, 04-07, 1500/1520/1540 UTC
05420 00001 00000 33257

13394/12194/10794 kHz, 05-07, 2100/2120/2140 UTC
06442 00001 00000 34262

16296/14981/13953 kHz, 06-07/08-07, 0910/0930/0950 UTC
00165 00048 07102 00574 32196 59913 88935 69329 26626 28461
61219 53244 09133 15633 78887 36630 44347 88811 22211 85707
43787 53189 15589 56444 06009 88560 90578 86591 33737 60812
54650 31107 30007 83307 51560 05461 55123 34881 62378 85947
37021 30774 51190 60927 95858 88023 66094 66628 39132 80214
10726

13954/12154/11454 kHz, 06-07, 1500/1520/1540 UTC
00377 00245 12519 06442 47802 39309 11622 29407 30761 37807
56217 03053 95259 22804 96983 59157 88558 23220 46049 99386
09193 49597 27703 39519 55835 50120 59431 42780 43567 44259
11413 63921 12283 43979 91480 60922 13781 95248 90012 18502
62695 50349 67889 17892 68787 22607 99147 55567 18629 74514
17581 58415 59829 25344 51725 11875 52372 72847 29414 15969
32251 12996 78435 00432 96609 87621 54135 35170 15125 71919
30013 92796 30572 40935 63837 60900 63873 00212 01820 91002
28092 86318 94337 86231 37720 40475 05289 78598 72586 05877
24437 61725 86183 74184 42362 41326 52048 05369 44910 62944
42269 73040 75352 04149 01483 49716 67830 12260 65704 92830
20398 05580 00089 53721 37948 93831 38703 78796 44486 39679
69181 80674 64804 87880 93017 02303 81397 30923 84459 07209
35518 17678 99485 90856 61801 08670 92341 59573 40067 31062
42415 98710 13718 46278 20762 28525 61028 34733 55177 62686
98691 17436 37333 18147 48280 30217 16199 19122 65351 97410
36017 43413 82209 27208 15688 05182 45567 56732 39915 63300
92048 34928 16070 51071 39885 75730 20768 77291 85238 45479
66441 46845 61151 95507 84146 36853 16251 50375 38553 61814
10655 84134 22232 63914 99698 02090 34901 68274 31113 44065
27308 05302 96749 48852 73097 36738 83491 68000 84918 92346
40376 53697 79521 13644 67157 00174 69475 59845 87347 37119
16976 24885 26352 41879 87654 66764 63634 75243 25764 11810
75435 10571 20596 55996 15736 75437 60016 86576 94613 76378
51000 69783 07624 30930 59663 13506 08963 77370

13538/14438/14938 kHz, 07-07/09-07, 1600/1620/1640 UTC
00590 00212 22438 96679 33477 21646 60443 97132 40238 78124
73320 43407 15443 34820 14411 35024 68469 74781 32264 03162
88538 47365 68526 93934 75341 58821 11805 00220 47054 40221
58033 43076 24992 19930 74184 97360 98005 07470 53092 69494
42541 23752 34071 96118 84157 22892 80418 79686 86143 56396
79509 25475 52885 39667 20040 51399 03332 42195 30884 48614
84635 05146 93008 18304 79592 78444 60365 94892 46835 31733
00259 85600 56489 81776 62612 17121 23195 46080 22130 80736
77283 08986 46833 72818 13013 29873 99260 76758 62898 16508
91836 26003 48957 88963 35118 31343 54949 28476 94391 20544
73668 44655 46436 35998 42374 33904 57459 16227 68184 30246
31266 51651 00974 18950 53773 48477 30062 59402 38174 07228

00011 80948 59041 93438 67262 68231 33708 84440 62543 56190
15836 26096 85813 63991 46311 75796 46405 46947 70231 72636
70102 14502 27244 63730 01366 50007 00961 31147 98200 37098
99310 00358 45366 76019 83984 32514 21661 80067 75490 76460
79207 85326 07538 92945 06749 17745 92030 08716 82191 04702
55020 18286 66468 04278 76657 08393 77488 06380 35975 02060
77717 98293 30072 44471 98437 56831 45944 91628 42672 52719
12151 98028 23101 68567 64481 11361 28277 10531 77680 56697
71313 69632 89494 74372 23416 89623 67251 77477 92526 11309
39309 11591 41405 30630 70277

13394/12194/10794 kHz, 07-07/12-07, 2100/2120/2140 UTC
00315 00198 42350 08915 78805 70494 12743 08210 16967 17703
64064 72749 30734 04574 60724 19267 76189 23151 44059 73353
29635 24909 96320 87946 89313 24077 57161 23394 34973 98066
93533 16847 26761 50022 37918 26970 60778 54596 79968 15322
59080 56790 03884 35291 26491 15862 82492 99380 98251 91524
65732 16668 36196 32523 32045 67911 89227 66504 24795 83716
35547 88728 34058 68885 94681 65691 90238 86776 21173 61370
88769 98223 19300 85919 07394 92183 53841 18227 27742 20312
58067 43058 75582 94372 90194 37914 14947 34468 41117 67995
21706 43894 56449 27183 72367 48382 35678 23813 66006 29415
78090 60684 32324 03665 65732 13041 92775 38596 58317 39765
10490 36469 96964 17324 49275 10178 17592 90193 95256 67060
14920 68196 94444 72450 08541 60818 97560 29861 58462 20871
15193 23732 55845 44571 17509 46085 28197 81265 08315 47170
03189 87221 78149 84806 83514 07918 80476 97686 13311 35192
65930 24110 78201 35922 34344 10371 83268 19445 92313 92355
11344 70572 86001 04719 30757 24510 55365 26619 20725 90961
76230 98565 30132 88167 68509 47367 44657 09462 78064 23306
28529 14752 85763 41425 19732 43867 94062 79930 13315 61798
30975 55852 65204 41459 39856 49829 15456 51474 10583 31658
77770

17435/16235/14935 kHz, 08-07, 1100/1120/1140 UTC
02666 00001 00000 37260

12124/11124/10624 kHz, 08-07, 2100/2120/2140 UTC
01017 00202 07986 22364 81947 95151 30815 49287 38035 56172
73649 53170 52748 72342 65378 47030 19009 24912 38684 72649
59025 15960 11739 70019 54263 86281 51469 17356 88372 10532
89342 48789 49040 55020 95239 92044 43513 41397 51289 27945
64173 64808 51045 06263 80903 68488 64152 28655 64594 93589
92697 81344 73950 89721 55322 99313 45164 50657 08561 80374
83193 19333 53450 09198 71348 61831 84544 45112 49277 04604
19245 06889 05467 47815 22843 53588 53504 30575 42909 22618
69388 86179 56217 76330 96860 15029 52233 55976 57170 96821
04799 67129 16131 04686 26176 36561 99035 90905 19032 84268
03377 03056 76182 40854 97861 11421 92024 79800 29435 90726
43820 25661 79571 93223 44747 08306 11018 80597 09468 76580
85990 35716 34014 04699 92351 67938 22112 29039 42817 59896
62968 21654 95387 18751 27951 06343 01294 09869 54507 25374
13439 28388 52859 54402 41462 32173 59583 28433 74205 32446
73991 10079 45101 92087 77173 02159 74570 80261 94464 52427
20035 88176 04618 20968 41958 02680 10319 90478 57461 78946
39508 67086 01685 79353 04960 35691 42723 96031 99429 18940
32859 16763 19721 06946 40486 51479 72417 18622 53212 29902
89871 37543 26055 22594 68751 33940 88340 52849 12068 02340
35831 70155 52098 54614 74346

17435/16235/14935 kHz, 09-07, 1100/1120/1140 UTC
08494 00001 00000 35271

13954/12154/11454 kHz, 11-07, 1500/1520/1540 UTC
00377 00245 12519 06442 47802 39309 11622 29407 30761 37807
56217 03053 95259 22804 96983 59157 88558 23220 46049 99386
09193 49597 27703 39519 55835 50120 59430 42780 43567 44259
11413 63921 12283 43979 91480 60922 13781 95248 90012 18502
62695 50349 67889 17892 68787 22607 99147 55567 18629 74514
17581 58415 59829 25344 51725 11875 52372 72847 29414 15969
32251 12996 78435 00432 96609 87621 54135 35170 15125 71919
30013 92796 30572 40935 63837 60900 63873 00212 01820 91002
28092 86318 94337 86231 37720 40475 05289 78598 72586 05877
24437 61725 86183 74184 42362 41326 52048 05369 44910 62944
42269 73040 75352 04149 01483 49716 67830 17360 65704 92830
20398 05580 00089 53721 37948 93831 38703 78796 44486 39679
69181 80674 64804 87880 93017 02303 81397 30923 84459 07209
35518 17678 99485 90856 61801 08670 92341 59573 40067 31062
42415 98710 13718 46278 20762 28525 61028 34733 55177 62686
98691 17436 37333 18147 48280 30217 16199 19122 65351 97410
36017 43413 82209 27208 15688 05182 45567 56732 39915 63300
92048 34928 16070 51071 39885 75730 20768 77291 85238 45479
66441 46845 61151 95507 84146 36853 16251 50375 38553 61814
10655 84134 22232 63914 99698 02090 34901 68274 31113 44065
27308 05302 96749 48852 73097 36738 83491 68000 84918 92346
40376 53697 79521 13644 67157 00174 69475 59845 87347 37119
16976 24885 26352 41879 87654 66764 63634 75243 25764 11810
75435 10571 20596 55996 15736 75437 60016 86576 94613 76378
51000 69783 07624 30930 59663 13506 08963 77370

12148/13448/13948 kHz, 13-07/15-07/20-07/22-07, 0700/0720/0740 UTC
00206 00080 48083 52188 07864 96959 17766 59368 15740 96207
06404 55617 41823 37304 71442 35929 78614 39378 81266 74453
67355 08022 94764 34105 66623 61111 04022 86277 54225 07681
36691 43866 67343 47876 88196 60785 35233 03050 55359 99148
02880 13593 55788 17130 43080 24500 37331 37262 91174 10565
33424 40710 63958 26708 24982 82481 92624 51353 05980 02877
62186 21842 26894 82210 74758 81870 44761 33200 45718 44050
29954 14324 26135 03639 66911 79326 33997 92393 76279 00672
47603 80784 07041

13954/12154/11454 kHz, 13-07, 1500/1520/1540 UTC
02318 00001 00000 36653

13538/14438/14938 kHz, 14-07/16-07, 1600/1620/1640 UTC
00296 00253 00745 12988 05974 79797 66841 23686 49676 43936
31783 58181 55904 59026 85777 34065 78747 23434 20741 49114
84697 53397 21414 55902 52167 84194 45613 00141 83292 55314
00073 17267 49869 69462 54171 32357 24717 01664 47888 45655
18443 48738 75288 54053 83395 37212 93261 85719 84115 78991
90813 72260 38734 07601 86747 92160 71116 80786 08285 75561
19626 33562 33540 80793 46212 70082 29492 12933 93059 11366
79272 64637 98560 91503 74222 70459 61245 41562 16714 10072
93299 38037 45331 69261 62989 27730 41529 04163 42551 98984
36906 82871 19431 67524 49686 26073 35664 11882 81273 80681
21006 15559 31154 43142 03780 30862 93596 68136 66185 26046
60126 42687 64759 92924 10042 87313 77277 89457 59930 13600
81925 66249 99999 96994 77847 13548 35689 39793 85221 36072
29621 90090 46729 77242 13799 14097 20448 76610 34554 61952
64805 74875 22311 06258 73384 01093 83131 44127 94592 80539
44609 14706 93573 02490 21438 30009 89169 01189 62688 58141

23744 28637 36793 48565 46986 80069 06931 46076 61817 99366
66961 91495 75335 15001 37481 25071 22236 22937 98344 32500
69848 79079 94639 49295 07299 36509 16685 67822 40111 80470
35672 31731 21078 88880 73314 25594 31500 83895 31070 96111
72502 62348 61103 22437 91134 05542 94264 56348 86644 54064
11318 63302 70756 38257 54645 76591 52204 28877 40967 35450
96019 61166 77076 22315 49267 38135 53910 03581 66644 87006
07874 85940 30855 29543 68237 88457 31558 76922 59135 25955
94511 76281 63000 63066 61619 17473 14988 50308 29488 55800
45508 82202 08572 24610 30727 44624

13394/12194/10794 kHz, 14-07/19-07, 2100/2120/2140 UTC
00395 00164 36510 30598 09618 06735 04707 29568 14752 90097
00767 14658 60921 44892 91967 53753 88415 51501 82074 31627
15818 63980 51863 38582 57003 13589 57382 94580 44453 67250
68357 63558 69925 00300 43481 39101 28136 34936 07112 87902
12197 11744 27794 45337 59975 53645 47517 61604 42896 21022
01343 51092 81092 85115 43075 81222 89128 12893 32245 68629
42146 26891 87681 21733 29301 36912 07855 90503 06047 78975
87298 96186 62321 91607 28755 95031 39164 11782 02809 52167
31596 14652 43796 58686 37335 02936 48964 50863 79558 43132
87909 57712 78716 11370 24303 12682 17619 82159 46439 80837
82563 79730 24841 23180 46030 64870 17821 36161 35436 46388
99052 89654 83091 54649 87194 95628 24053 99990 92018 26608
63037 51174 80865 90382 21951 61497 78914 46221 14893 07455
75767 09474 71236 80536 86639 58794 37238 74220 80944 94185
57589 86666 45746 47286 51988 85489 49167 88827 43938 08001
02976 85309 15546 77475 65930 71861 04929 64006 46528 40191
55556 05755 73631 91049 51562 29584 10607

17435/16235/14935 kHz, 15-07, 1100/1120/1140 UTC
06639 00001 00000 40661

12124/11124/10624 kHz, 15-07/17-07, 2100/2120/2140 UTC
01294 00180 33656 48818 05221 80089 45509 22323 05442 89090
88733 72992 72348 87882 24319 32336 12788 04433 46890 91606
09173 30444 19692 52446 08733 44265 84893 74193 08162 13489
45265 62484 63328 16182 92639 88256 71553 39125 31593 28884
39930 48528 99555 51226 88296 84914 60510 19317 67085 57702
50031 97934 67450 60231 79471 82337 08924 87407 01444 42883
12666 71192 38522 15990 81292 62417 44525 71926 79442 28869
84435 73478 66577 38664 28339 84067 66589 70048 83313 44668
17222 87844 60329 62092 83447 78829 74067 02996 11640 55057
43555 13653 74885 90084 91610 65123 79441 74444 86656 33595
81340 91362 19193 08444 58185 05558 33483 92202 48566 04577
36995 03312 99009 38949 31311 25009 86250 31381 57087 15655
88368 83904 40744 94855 30480 57887 02819 50417 56941 22002
77792 46318 99164 26432 63920 33439 67755 16162 36294 08268
66441 49455 09970 01784 65704 49999 95867 96014 18447 73225
64005 45260 77038 03325 23690 08224 36612 31186 07994 73730
50348 83432 02241 68024 44451 43646 47050 23407 18833 39534
53328 35502 67310 15845 16517 05596 24094 60400 10483 69305
09066 00736 57414

13445/12145/11545 kHz, 16-07, 0910/0930/0950 UTC
07865 00001 00000 37665

17435/16235/14935 kHz, 16-07, 1100/1120/1140 UTC
08310 00001 00000 32661

13445/12145/11545 kHz, 18-07, 0910/0930/0950 UTC
07058 00001 00000 35264

13954/12154/11454 kHz, 18-07, 1500/1520/1540 UTC
01415 00001 00000 35652

16296/14981/13953 kHz, 20-07/22-07/27-07/29-07, 0910/0930/0950 UTC
06298 00024 60548 80483 24539 33168 99153 33702 72666 21252
41479 87368 91084 62771 89771 42321 56734 40909 96837 41974
61861 19590 26224 45347 08535 08787 66531

13954/12154/11454 kHz, 23-07/25-07, 1500/1520/1540 UTC
00159 00281 57157 40701 58795 71579 88031 58656 07369 60468
28420 20668 94703 34790 32682 76178 12478 59709 66441 80211
51605 09116 65778 32654 57002 76026 03747 82285 03678 76637
39569 21439 87087 99730 40203 92796 20163 31783 87787 76377
46342 58559 18330 85952 46324 31728 12880 33009 16817 48845
40325 14167 39565 85361 53183 19779 31360 93203 31957 56205
80523 04427 91544 12643 96238 71191 36168 12663 50850 49843
83344 74022 21951 11346 28818 05910 57833 15932 12082 51758
99654 09391 59349 15220 55099 81415 29665 90472 75681 20960
95509 00899 46637 11256 28211 36556 40637 03407 27498 63394
94159 55940 47212 94692 65634 34882 60940 95595 94186 15810
60089 39997 72976 30949 27269 53181 52544 73865 36691 18604
66367 99114 74395 49299 49724 67748 16771 11000 78704 18656
18014 85598 47710 21773 69442 98580 76955 89472 78634 68652
64982 45175 17626 21207 67428 53879 54711 16125 82616 95633
55648 69185 09543 99451 09922 69975 53569 45611 01831 67375
55620 77348 85869 79440 68550 70136 77088 82663 84301 18741
09249 88075 92619 67901 70777 01995 79773 98193 32348 33627
26351 92240 69231 67167 38977 70752 03598 47381 34766 80864
89184 60505 65520 56394 67452 47656 94959 93006 52857 57597
14205 64495 40166 53089 21207 65218 87580 03900 04793 99191
66778 59057 57507 37083 19190 27978 82277 88138 03161 49237
14309 94232 17966 69611 39781 62928 89392 05334 83005 94343
37923 09982 92360 50095 66195 70912 09662 50721 14326 71560
88015 11936 65723 53389 42940 99943 82808 83509 82617 17720
29316 77901 45465 25003 42433 32492 37871 20970 10105 21980
77647 79710 88578 58234 95212 53766 55615 85505 48059 45835
38133 50730 66129 27305 09635 88894 98365 16607 80192 02758
23728 75568 93691 04025

13538/14438/14938 kHz, 21-07, 1600/1620/1640 UTC
04095 00001 00000 33665

13394/12194/10794 kHz, 21-07/26-07, 2100/2120/2140 UTC
05018 00102 41257 55004 27410 03760 93661 87934 68160 61175
44719 47039 35059 09955 57976 76508 86706 94588 55736 23650
04072 81659 22738 67853 71613 57336 26747 21091 43480 75188
06465 72762 34029 36268 97787 74499 92349 94386 77342 05167
28648 39096 88715 30987 31901 66911 63360 60767 61109 95712
69649 76191 45336 50890 15979 75974 09587 60885 49027 39567
23803 41245 58518 46079 38836 16100 70393 43791 35341 27337
62774 75235 87562 09054 36082 57851 32192 06255 32636 28428
77884 85246 49135 19979 77414 95772 33240 69110 22218 11549
05744 95218 09513 69257 37757 45828 82099 62403 20026 90894
17998 85647 99812 95390 37665

17435/16235/14935 kHz, 22-07/29-07/30-07, 1100/1120/1140 UTC
00348 00069 76374 79841 44370 02548 29634 76928 80082 79123
68790 76375 52102 86643 63450 21941 80703 33388 40232 92124
55866 11965 25971 20106 72137 48467 91732 74803 19551 98312
66032 33207 47193 48705 22158 54752 26981 34530 52099 21360
76978 83798 47379 11539 74029 09566 47534 85630 18340 97166
23183 78569 97642 61107 65659 41629 46672 32681 23892 49283
53795 05758 23777 27073 60029 59975 12916 02982 69873 00710
77901 05615

12124/11124/10624 kHz, 22-07/24-07, 2100/2120/2140 UTC
00140 00164 13618 94328 06064 38733 42605 04635 15512 73409
29872 28657 60813 37841 72715 13523 51683 49744 54189 54912
66975 64816 79819 64190 81078 56692 38897 36097 70285 48060
75103 33295 51300 91317 12913 86122 67067 76376 85178 92075
71476 36412 62203 97102 72516 05488 01958 00606 35809 32542
68985 53321 49767 78247 07576 17446 38680 84729 49066 90379
31888 38971 70310 04640 53864 72781 98651 50403 21269 18563
42477 48782 33723 09795 51954 18998 18271 41103 20481 76863
78439 55675 72871 31031 23910 01839 94507 14384 58840 14338
76954 18947 13079 69445 64276 15357 53876 19265 25950 49073
97167 73963 34766 34333 70719 09612 63318 27026 18530 59821
04423 13525 60987 50558 14429 32820 90209 86572 69901 65751
33984 80291 80186 11893 18145 24868 67145 44449 08152 81669
98300 06214 06064 56020 46232 70536 26037 46140 17838 29376
77963 35131 42296 93102 96871 78797 95693 50006 28301 16792
58179 88989 35739 91362 58638 06628 00924 23151 34109 28417
35744 31017 81495 24515 57849 94211 32444

13445/12145/11545 kHz, 23-07, 0910/0930/0950 UTC
04619 00001 00000 30655

17435/16235/14935 kHz, 23-07, 1100/1120/1140 UTC
00348 00069 76374 79841 44370 02548 29634 76928 80082 79123
68790 76375 52102 86643 63450 21941 80703 33388 40232 92124
55866 11965 25971 20106 72137 48467 91732 74803 19551 98312
66032 33207 47193 48705 22158 54752 26981 34530 52099 21360
76978 83798 47379 11539 74029 09566 47534 85630 18340 97166
23183 78569 97642 61107 65659 41629 46672 32681 23892 49283
53795 05758 23777 27073 60029 59975 12916 02982 69873 00710
77901 05615

13538/14438/14938 kHz, 23-07, 1600/1620/1640 UTC
05624 00001 00000 36257

13445/12145/11545 kHz, 25-07, 0910/0930/0950 UTC
01724 00001 00000 36653

12148/13448/13948 kHz, 27-07, 0700/0720/0740 UTC
06643 00001 00000 35662

13954/12154/11454 kHz, 27-07, 1500/1520/1540 UTC
07541 00001 00000 34263

13538/14438/14938 kHz, 28-07/30-07, 1600/1620/1640 UTC
00682 00302 74657 04046 28667 71131 56271 83451 63585 76645
00933 02030 10593 48416 59200 10492 21332 78313 24159 90323
66091 65972 83570 69793 75655 24625 92826 35976 75183 71588
57686 56363 40519 53133 31917 84162 94281 07193 32180 87605
68040 06775 69874 30219 60962 11493 60869 34398 18479 85631
36558 43930 72285 87217 82271 33322 12846 07761 92183 42904

45866 19296 70991 30997 34108 40443 69914 73648 11515 65916
52293 97772 83016 99625 28136 40076 93273 39171 28068 40330
44572 76735 39343 18063 70191 23403 56041 96096 56161 96648
03333 83042 35653 09986 18102 75123 98054 96645 20084 63709
90175 42433 01145 95311 20723 53323 70598 50716 23468 70695
10568 71709 57705 04132 47466 55249 46230 95073 39979 82295
86998 48503 14805 64921 90477 27736 59546 27339 63622 42734
97377 67974 01872 59139 05176 89216 43879 15085 85370 76701
29127 34587 66525 00607 30271 56146 77760 65426 55061 92261
69621 07214 35033 23834 49917 42302 84317 84884 76232 89724
46739 04832 14173 60608 81508 91118 87787 83819 42175 00976
76746 43156 33218 23844 09706 61561 68457 37254 01642 83647
65623 09386 40730 20898 05488 42595 52951 85236 53624 50497
29989 14175 98888 61460 44944 17155 66275 71332 26997 87644
17701 72649 68150 95079 81656 34253 99263 08590 97782 14829
00160 90206 74429 67344 02830 17325 25772 81382 15599 45169
22843 47179 46134 25327 96801 80746 51158 93785 55091 43856
28053 19289 49479 42173 74361 93769 94162 54464 42169 54057
51079 08435 26792 68708 54811 16768 53487 22013 81937 99558
56455 48337 15296 04451 62331 00004 93685 12157 09246 44630
17627 34632 19418 67327 33344 98941 61580 90380 42563 00099
53937 77958 12127 50435 76890 92087 61890 07820 60832 62472
00746 74938 27173 28922 79617 72676 23066 21296 64478 27139
71272 97996 04268 12002 36730 87809 39768 98379 10439 76871
40356 19138 27471 14780 22323

13394/12194/10794 kHz, 28-07, 2100/2120/2140 UTC
00271 00078 08013 68353 67992 95915 77166 16745 72500 61367
79410 37264 52463 69844 92437 00251 44973 32067 47355 88319
99210 73197 86410 14436 10641 05755 60255 20594 88402 00358
61288 81516 56822 00088 36759 37052 27315 01260 62895 62087
90327 13380 80593 39500 71330 12704 97132 33681 30652 53836
10545 58392 75181 38359 82948 28477 14401 89452 32950 72273
91187 48845 42051 19632 31391 31185 33277 54138 60379 04140
70240 08591 55634 00134 03768 06116 87824 83580 91934 15876
34251

12148/13448/13948 kHz, 29-07, 0700/0720/0740 UTC
08076 00001 00000 34267

12124/11124/10624 kHz, 29-07, 2100/2120/2140 UTC
03559 00001 00000 40260

13445/12145/11545 kHz, 30-07, 0910/0930/0950 UTC
00403 00068 19348 13429 66412 10577 03624 21573 82915 72061
52251 22955 71122 17038 88133 68296 45975 69056 02754 58718
55388 43785 10908 55189 13932 19306 25752 16869 71449 55257
19358 29243 56302 90771 59172 83748 43559 49547 91001 33736
29441 84249 19276 78633 94957 51336 55118 43161 79161 66427
78486 77811 83490 63809 84536 01829 10036 17259 44429 18762
76951 53000 11039 30238 88416 65887 38577 06847 85172 17651
77417

12124/11124/10624 kHz, 31-07, 2100/2120/2140 UTC
02419 00001 00000 37653

XPB1

11168 kHz, 06-07/07-07/13-07/14-07/20-07/21-07/27-07, 0500 UTC
11468 kHz, 06-07/07-07/13-07/14-07/20-07/21-07/27-07, 0510 UTC
12168 kHz, 06-07/07-07/13-07/14-07/20-07/21-07/27-07, 0520 UTC
13368 kHz, 06-07/07-07/13-07/14-07/20-07/21-07/27-07, 0530 UTC
13969 kHz, 06-07/07-07/13-07/14-07/20-07/21-07/27-07, 0540 UTC
14569 kHz, 06-07/07-07/13-07/14-07/20-07/21-07/27-07, 0550 UTC

15876 kHz, 04-07/06-07/11-07/13-07/18-07/20-07/25-07/27-07, 1200 UTC
14876 kHz, 04-07/06-07/11-07/13-07/18-07/20-07/25-07/27-07, 1210 UTC
14376 kHz, 04-07/06-07/11-07/13-07/18-07/20-07/25-07/27-07, 1220 UTC
13976 kHz, 04-07/06-07/11-07/13-07/18-07/20-07/25-07/27-07, 1230 UTC
13376 kHz, 04-07/06-07/11-07/13-07/18-07/20-07/25-07/27-07, 1240 UTC
12176 kHz, 04-07/06-07/11-07/13-07/18-07/20-07/25-07/27-07, 1250 UTC

14644 kHz, 05-07/07-07/12-07/14-07/19-07/21-07/26-07/28-07, 1900 UTC
13444 kHz, 05-07/07-07/12-07/14-07/19-07/21-07/26-07/28-07, 1910 UTC
12144 kHz, 05-07/07-07/12-07/14-07/19-07/21-07/26-07/28-07, 1920 UTC
11044 kHz, 05-07/07-07/12-07/14-07/19-07/21-07/26-07/28-07, 1930 UTC
10344 kHz, 05-07/07-07/12-07/14-07/19-07/21-07/26-07/28-07, 1940 UTC
9244 Hz, 05-07/07-07/12-07/14-07/19-07/21-07/26-07/28-07, 1950 UTC

DIPLOMATIC STATIONS

Egyptian diplomatic stations

16011.7 kHz, 02-07, 1705 UTC, SITOR-A 100/170	Egyptian Embassy Washington D.C? "to 71: 184 groups Urgent"
13886.5 kHz, 08-07, 0659 UTC, SITOR-A 100/170	MFA Cairo clg QQTX: Egyptian embassy Prague
16009.7 kHz, 10-07, 2030 UTC, SITOR-A 100/170	LKZGCG: Egyptian Embassy Washington DC garbled message to unid station
16023.7 kHz, 15-07, 1634 UTC, SITOR-A/CODAN	Egyptian Embassy Washington DC? Had been testing frequencies with idle SITOR A on 16009.7, 15991.7, 16051.7, 16101.7 and 16011.7 kHz.

UTILITY ROUND-UP

North Korean military

3758 kHz, 26-07, 1720 UTC, i.p.
VVV 8F8 DE 2GK QRU
7967 7967 SK SK TT

Bulgarian Navy

Bulgarian Navy logged by F5JBR

5230.5 kHz, 07-07, 0702/0721 UTC, CW and voice traffic
LZBV wkg LZBH, LZBC and LZBB
Recording: http://f5jbr.free.fr/00-WAV/5230-5_SLAVIC_VOICE_0720_TO_0735_07-JULY-2020.mp3

Unid

This unid station transmits daily a message that is repeated after ABV (I repeat) . M41 or Bulgarian military? It's still a mystery.

4735 kHz, 11-07, 0700 UTC
VVVVV PROMRÖ = 11 07 =
1000 0510 0310 0670 1110
1200 0520 0320 0690 1150
1400 0500 0320 0680 1140
1600 0470 0290 0630 1050
1800 0460 0240 0590 0860
2000 0530 0200 0640 0890
2200 0530 0200 6040 0500
0000 0430 0200 0520 0730
0200 0340 0200 0400 0560
0400 0300 0200 0370 0510
0600 0400 0210 0520 0760
0800 0470 0270 0610 0990 = ABV =
VVV VVV VVV PROMRÖ = 11 07 =
1000 0510 0310 0670 1110
1200 0520 0320 0690 1150
1400 0500 0320 0680 1140
1600 0470 0290 0630 1050
1800 0460 0240 0590 0860
2000 0530 0200 0640 0890
2200 0530 0200 6040 0500
0000 0430 0200 0520 0730
0200 0340 0200 0400 0560
0400 0300 0200 0370 0510
0600 0400 0210 0520 0760
0800 0470 0270 0610 0990 = AR

4735 kHz, 13-07, 0700 UTC
VVV VVV VVV PROMRÖ = 13 07 =
1000 0510 0310 0670 1110
1200 0520 0320 0690 1150
1400 0500 0310 0680 1140
1600 0470 0290 0630 1050
1800 0470 0240 0590 0860
2000 0530 0200 0640 0890
2200 0530 0200 0640 0900
2400 0420 0200 0510 0720
0200 0340 0200 0400 0560
0400 0300 0200 0370 0510
0600 0390 0210 0520 0760
0800 0470 0270 0610 0980 = ABV =
VVV VVV VVV PROMRÖ = 13 07 =
1000 0510 0310 0670 1110
1200 0520 0320 0690 1150
1400 0500 0310 0680 1140
1600 0470 0290 0630 1050
1800 0470 0240 0590 0860
2000 0530 0200 0640 0890
2200 0530 0200 0640 0900
2400 0420 0200 0510 0720
0200 0340 0200 0400 0560
0400 0300 0200 0370 0510
0600 0390 0210 0520 0760
0800 0470 0270 0610 0980 = AR

4735 kHz, 15-07, 0700 UTC
VVV VVV VVV PROMRÖ = 15 07 =
1000 0510 0310 0680 1110
1200 0520 0320 0690 1150
1400 0500 0310 0680 1130
1600 0470 0290 0630 1050
1800 0470 0240 0590 0860
2000 0530 0200 0640 0880
2200 0520 0200 0630 0890
2400 0420 0200 0510 0710
0200 0340 0200 0400 0560
0400 0300 0200 0370 0510
0600 0390 0210 0510 0760
0800 0460 0270 0040 0980 = ABV =
VVV VVV VVV PROMRÖ = 15 07 =
1000 0510 0310 0680 1110
1200 0520 0320 0690 1150
1400 0500 0310 0680 1130
1600 0470 0290 0630 1050
1800 0470 0240 0590 0860
2000 0530 0200 0640 0880
2200 0520 0200 0630 0890
2400 0420 0200 0510 0710
0200 0340 0200 0400 0560
0400 0300 0200 0370 0510
0600 0390 0210 0510 0760
0800 0460 0270 0040 0980 = AR

4735 kHz, 12-07, 0700 UTC
VVVVV PROMRÖ = 12 07 =
1000 0510 0320 0670 1110
1200 0520 0330 0690 1150
1400 0500 0320 0680 1140
1600 0470 0300 0630 1050
1800 0470 0240 0580 0860
2000 0530 0200 0640 0890
2200 0530 0200 0640 0900
2400 0430 0200 0520 0730
0200 0340 0200 0400 0560
0400 0300 0200 0370 0510
0600 0390 0220 0510 0760
0800 0470 0280 0610 0980 = ABV =
VVVVV PROMRÖ 12 07 =
1000 0510 0320 0670 1110
1200 0520 0330 0690 1150
1400 0500 0320 0680 1140
1600 0470 0300 0630 1050
1800 0470 0240 0580 0860
2000 0530 0200 0640 0890
2200 0530 0200 0640 0900
2400 0430 0200 0520 0730
0200 0340 0200 0400 0560
0400 0300 0200 0370 0510
0600 0390 0220 0510 0760
0800 0470 0280 0610 0980 = AR

4735 kHz, 14-07, 0700 UTC
VVV VVV VVV PROMRÖ = 14 07 =
1000 0510 0310 0670 1110
1200 0520 0320 0690 1150
1400 0500 0310 0680 1130
1600 0470 0290 0630 1050
1800 0470 0240 0590 0860
2000 0530 0200 0640 0890
2200 0520 0200 0640 0900
0000 0420 0200 0510 0710
0200 0340 0200 0400 0560
0400 0300 0200 0370 0510
0600 0390 0210 0510 0760
0800 0460 0270 0600 0980 = ABV =
VVV VVV VVV PROMRÖ = 14 07 =
1000 0510 0310 0670 1110
1200 0520 0320 0690 1150
1400 0500 0310 0680 1130
1600 0470 0290 0630 1050
1800 0470 0240 0590 0860
2000 0530 0200 0640 0890
2200 0520 0200 0640 0900
0000 0420 0200 0510 0710
0200 0340 0200 0400 0560
0400 0300 0200 0370 0510
0600 0390 0210 0510 0760
0800 0460 0270 0600 0980 = AR

4735 kHz, 17-07, 0700 UTC
VVV VVV PROMRÖ = 17 07 =
1000 0500 0310 0660 1110
1200 0510 0320 0690 1150
1400 0490 0310 0680 1130
1600 0470 0290 0630 1040
1800 0470 0240 0590 0860
2000 0530 0200 0630 0890
2200 0520 0200 0630 0890
0000 0420 0200 0510 0710
0200 0340 0200 0400 0560
0400 0310 0200 0370 0520
0600 0390 0200 0510 0760
0800 0460 0270 0600 0980 =
= ABV VVVVV PROMRÖ = 17 07 =
1000 0500 0310 0660 1110
1200 0510 0320 0690 1150
1400 0490 0310 0680 1130
1600 0470 0290 0630 1040
1800 0470 0240 0590 0860
2000 0530 0200 0630 0890
2200 0520 0200 0630 0890
0000 0420 0200 0510 0710
0200 0340 0200 0400 0560
0400 0310 0200 0370 0520
0600 0390 0200 0510 0760
0800 0460 0270 0600 0980 = AR

4735 kHz, 18-07, 0700 UTC
VVV VVV PROMRÖ = 18 07 =
1000 0500 0320 0660 1100
1200 0510 0330 0690 1150
1400 0490 0320 0680 1130
1600 0470 0300 0630 1040
1800 0470 0240 0590 0850
2000 0530 0200 0630 0890
2200 0520 0200 0630 0890
2400 0420 0200 0510 0710
0200 0340 0200 0410 0560
0400 0310 0200 0370 0520
0600 0390 0210 0510 0760
0800 0460 0280 0600 0980 = ABV
VVV VVV PROMRÖ = 18 07 =
1000 0500 0320 0660 1100
1200 0510 0330 0690 1150
1400 0490 0320 0680 1130
1600 0470 0300 0630 1040
1800 0470 0240 0590 0850
2000 0530 0200 0630 0890
2200 0520 0200 0630 0890
2400 0420 0200 0510 0710
0200 0340 0200 0410 0560
0400 0310 0200 0370 0520
0600 0390 0210 0510 0760
0800 0460 0280 0600 0980 = AR

4735 kHz, 25-07, 0700 UTC
VVV VVV PROMRÖ = 25 07 =
1000 0490 0300 0660 1090
1200 0510 0320 0690 1140
1400 0490 0310 0680 1130
1600 0470 0290 0620 1030
1800 0470 0230 0590 0850
2000 0510 0200 0620 0870
2200 0510 0200 0620 0870
2400 0410 0200 0490 0680
0200 0340 0200 0400 0560
0400 0310 0200 0370 0520
0600 0380 0200 0500 0750
0800 0450 0270 0590 0970 = ABV =
VVV VVV PROMRÖ = 25 07 =
1000 0490 0300 0660 1090
1200 0510 0320 0690 1140
1400 0490 0310 0680 1130
1600 0470 0290 0620 1030
1800 0470 0230 0590 0850
2000 0510 0200 0620 0870
2200 0510 0200 0620 0870
2400 0410 0200 0490 0680
0200 0340 0200 0400 0560
0400 0310 0200 0370 0520
0600 0380 0200 0500 0750
0800 0450 0270 0590 0970 = AR

4735 kHz, 26-07, 0700 UTC
VVV PROMRÖ = 26 07 =
1000 0490 0310 0660 1100
1200 0510 0330 0690 1150
1400 0490 0320 0780 1130
1600 0470 0300 0620 1030
1800 0470 0240 0590 0850
2000 0520 0200 0630 0870
2200 0510 0200 0620 0870
0000 0410 0200 0490 0680
0000 0340 0200 0400 0560
0400 0310 0200 0380 0520
0600 0390 0210 0510 0750
0800 0280 0590 0970 = ABV
(no repeat)

4735 kHz, 27-07, 0700 UTC
VVVVV PROMRÖ = 27 07 =
1000 0490 0310 0660 1100
1200 0510 0330 0690 1150
1400 0490 0320 0680 1130
1600 0470 0300 0620 1030
1800 0470 0240 0590 0850
2000 0520 0200 0630 0870
2200 0510 0200 0620 0870
2400 0410 0200 0490 0680
0200 0340 0200 0400 0560
0400 0310 0200 0380 0520
0600 0390 0210 0510 0750
0800 0450 0280 0590 0970 = ABV =
VVVVV PROMRÖ = 27 07 =
1000 0490 0310 0660 1100
1200 0510 0330 0690 1150
1400 0490 0320 0680 1130
1600 0470 0300 0620 1030
1800 0470 0240 0590 0850
2000 0520 0200 0630 0870
2200 0510 0200 0620 0870
2400 0410 0200 0490 0680
0200 0340 0200 0400 0560
0400 0310 0200 0380 0520
0600 0390 0210 0510 0750
0800 0450 0280 0590 0970 = AR

4735 kHz, 30-07, 0700 UTC
VVVVV PROMRÖ = 30 07 =
1000 0490 0300 0660 1100
1200 0510 0320 0690 1150
1400 0490 0310 0680 1120
1600 0470 0290 0620 1030
1800 0470 0230 0590 0850
2000 0520 0200 0630 0880
2200 0510 0200 0620 0870
0000 0410 0200 0490 0670
0200 0330 0200 0400 0550
0400 0310 0200 0380 0520
0600 039I 0200 0510 0750
0800 0450 0270 0590 0960 = ABV =
VVVVV PROMRÖ = 30 07 =
1000 0490 0300 0660 1100
1200 0510 0320 0690 1150
1400 0490 0310 0680 1120
1600 0470 0290 0620 1030
1800 0470 0230 0590 0850
2000 0520 0200 0630 0880
2200 0510 0200 0620 0870
0000 0410 0200 0490 0670
0200 0330 0200 0400 0550
0400 0310 0200 0380 0520
0600 0390 0200 0510 0750
0800 0450 0270 0590 0960 = AR

4735 kHz, 31-07, 0700 UTC
VVVVV PROMRÖ = 31 07 =
1000 0490 0300 0660 1100
1200 0510 0320 0690 1140
1400 0490 0310 0680 1120
1600 0470 0280 0620 1030
1800 0470 0230 0590 0850
2000 0530 0200 0630 0890
2200 0510 0200 0620 0870
2400 0400 0200 0480 0670
0200 0330 0200 0400 0550
0400 0310 0200 0370 0520
0600 0390 0200 0500 0750
0800 0450 0270 0590 0960 = ABV =
VVVVV PROMRÖ = 31 07 =
1000 0490 0300 0660 1100
1200 0510 0320 0690 1140
1400 0490 0310 0680 1120
1600 0470 0280 0620 1030
1800 0470 0230 0590 0850
2000 0530 0200 0630 0890
2200 0510 0200 0620 0870
2400 0400 0200 0480 0670
0200 0330 0200 0400 0550
0400 0310 0200 0370 0520
0600 0390 0200 0500 0750
0800 0450 0270 0590 0960 = AR

Propaganda & (semi) clandestine stations

Russian-Ukrainian radio war

7055 kHz, 01-07, 1645 UTC, LSB	Loop transmission. Singing. Several stations on top of each other
7100 kHz, 01-07, 1645 UTC, LSB	Loop transmission. Singing "Fuck you Russia ... etc"
7055 kHz, 07-07, 1355 UTC, LSB	Popmusic
7065 kHz, 07-07, 1355 UTC, LSB	Radio program excerpt. Loop transmission
7055 kHz, 08-07, 1609 UTC, LSB	Excerpts from radio programs. Various stations on top of each other
7060 kHz, 09-07, 1406 UTC, LSB	Yelling, sound of gunfire. Sounds like a recorded radio show
7055 kHz, 14-07, 1455 UTC, LSB	Excerpts from radio programs. Loop transmission
7055 kHz, 16-07, 1340 UTC, LSB	Anti Russia slogans. Loop transmission
7055 kHz, 17-07, 1657 UTC, LSB	Excerpts from radio programs, music, talk. Various stations on top of each other
7060 kHz, 17-07, 1657 UTC, LSB	Excerpts from radio programs. Various stations on top of each other
7055 kHz, 19-07, 1730 UTC, LSB	Various stations on top of each other
7055 kHz, 23-07, 1400 UTC, LSB	Yelling and excerpts of radio programs
7055 kHz, 24-07, 1600 UTC, LSB	Anti Russia song, slogans. Jamming. Loop transmissions. Recordings of Russian military channel markers, like the Alarm, Squeaky Wheel and the Buzzer. Various stations on top of each other. Hopping from 7055 to 7060, 7050 and back to 7055 kHz. Recording
7055 kHz, 24-07, 2105 UTC, LSB	Loop transmission
7060 kHz, 24-07, 2105 UTC, LSB	Excerpts from radio programs
7055 kHz, 31-07, 1636 UTC, LSB	Various stations on top of each other
7055 kHz, 31-07, 2055 UTC, USB	Music/song
7055 kHz, 31-07, 2055 UTC, LSB	Music/song and talk program on top of each other. Same music as sent on 7055 kHz USB
7070 kHz, 31-07, 2058 UTC, LSB	Anti Russia programs

Radyo Dengé Welat

11530 kHz, 16-07, 1000 UTC, AM	Radyo Dengé Welat via tx Grigoriopol, Moldova. Kurdish program
11530 kHz, 20-07, 1945 UTC, AM	Radyo Dengé Welat via tx Grigoriopol, Moldova. Kurdish program
11530 kHz, 23-07, 0918 UTC, AM	Radyo Dengé Welat via tx Grigoriopol, Moldova. Kurdish program

RFE/RL affiliates

13580 kHz, 16-07, 1130 UTC, AM	Radio Free Asia via tx Dushanbe, Tajikistan. Jammed by China
15360 kHz, 16-07, 1150 UTC, AM	Radio Mashaal via tx Udon Thani, Thailand. Program in Pashto
15470 kHz, 16-07, 1155 UTC, AM	Radio Free Asia via tx Dushanbe, Tajikistan. Jammed by China
17880 kHz, 16-07, 1157 UTC, AM	Radio Azadi (Radio Free Afghanistan) via tx Udon Thani, Thailand. Program in Pashto

VOA Deewaa Radio

5890 kHz, 17-07, 1713 UTC, AM	VOA Deewaa Radio. Program in Pashto via tx Udon Thani, Thailand
7540 kHz, 17-07, 1706 UTC, AM	VOA Deewaa Radio. Program in Pashto via tx Udon Thani, Thailand
9310 kHz, 17-07, 1710 UTC, AM	VOA Deewaa Radio. Program in Pashto via tx Udon Thani, Thailand
12035 kHz, 17-07, 1706 UTC, AM	VOA Deewaa Radio. Program in Pashto via tx Udon Thani, Thailand

Sound of Hope - Xi Wang Zhi Sheng, Taiwan

9540 kHz, 18-07, 1432 UTC	Sound of Hope - Xi Wang Zhi Sheng. Broadcast in Chinese
9920 kHz, 18-07, 1432 UTC	Sound of Hope - Xi Wang Zhi Sheng. Broadcast in Chinese
10820 kHz, 18-07, 1432 UTC	Sound of Hope - Xi Wang Zhi Sheng. Broadcast in Chinese
14850 kHz, 18-07, 1432 UTC	Sound of Hope - Xi Wang Zhi Sheng. Broadcast in Chinese
14850 kHz, 30-07, 1420 UTC	Sound of Hope - Xi Wang Zhi Sheng. Broadcast in Chinese

US Joint Chief of Staff Emergency Action Messages and Foxtrot Messages

Frequencies: 4724, 8992, 11175, 15016 kHz.

Date	UTC	Callsign	Details
01-07	1833	Unwanted	30 chr EAM DHVIER ILQN6OA4YPI4PLMVKHQHD7PV
02-07	1459	Griswold	47 chr EAM 6B5R4Z 6R5Y67PSCQNXVXTBZVBZFQHKEH7MYAWPZV4YRG4UV
02-07	1517	Griswold	30 chr EAM 6BKL43 MXE2OTSHTPDRQLOJNNLMHOB7
02-07	1733	Griswold	30 chr EAM IRGH2V M2UJ6HVNRSV7HGABN32JKADX
02-07	1948	Griswold	30 chr EAM for Tart-7 6BJ7CF PVUOZFBJSYUBVKVUUESMPEFC
02-07	2017	Griswold	30 chr EAM IRPUSF K7GQCWGDSJXY5YVEOYB63ROI

03-07	0128	Infatuate	30 chr EAM IRMLSI RYFG76NDSFXXU4WJCJJKDTEH
03-07	0132	Infatuate	30 chr EAM IR5RCB YAY4UYY6GKSDPQBMXYQAR5LJ
03-07	0135	Infatuate	30 chr EAM IREICY AAYXDI66L5R6UNB5TLWH6PLU
03-07	0138	Infatuate	30 chr EAM IRBNMR MEBFFCBSF46ODTBCEHQ4YK2E
03-07	0201	Infatuate	30 chr EAM IRBNMR MEBFFCBSF46ODTBCEHQ4YK2E
03-07	0203	Infatuate	30 chr EAM IREICY AAYXDI66L5R6UNB5TLWH6PLU
03-07	0206	Infatuate	30 chr EAM IR5RCB YAY4UYY6GKSDPQBMXYQAR5LJ
03-07	0232	Infatuate	30 chr EAM IRBNMR MEBFFCBSF46ODTBCEHQ4YK2E
03-07	0238	Infatuate	30 chr EAM IR5RCB YAY4UYY6GKSDPQBMXYQAR5LJ
03-07	0300	Infatuate	30 chr EAM IRBNMR MEBFFCBSF46ODTBCEHQ4YK2E
03-07	0303	Infatuate	30 chr EAM IREICY AAYXDI66L5R6UNB5TLWH6PLU
03-07	0306	Infatuate	30 chr EAM IR5RCB YAY4UYY6GKSDPQBMXYQAR5LJ
03-07	0331	Infatuate	30 chr EAM IRBNMR MEBFFCBSF46ODTBCEHQ4YK2E
03-07	0334	Infatuate	30 chr EAM IREICY AAYXDI66L5R6UNB5TLWH6PLU
03-07	0336	Infatuate	30 chr EAM IR5RCB YAY4UYY6GKSDPQBMXYQAR5LJ
03-07	1954	Infatuate	30 chr EAM IRBQAV QR2B5ZLWDOA3H7GMFHGRUI64
04-07	2133	Hightide	30 chr EAM IRVNVA 34BIYA7LHBFAZRP7T7RVD2XI
04-07	2136	Hightide	30 chr EAM IRVNVA 34BIYA7LHBFAZRP7T7RVD2XI
05-07	1449	Sizable	30 chr EAM IR64QI SEAY3OUOA6WNKYAUH5GIZCOT
05-07	1456	Sizable	30 chr EAM IRHRMM CQCHK2SUPYGJDJYBLQX6CSYL
05-07	1502	Sizable	30 chr EAM IRPNSD HODSYSVDAH7CRLW4X47V4FOT
05-07	1505	Sizable	30 chr EAM IRHRMM CQCHK2SUPYGJDJYBLQX6CSYL
05-07	1508	Sizable	30 chr EAM IR64QI SEAY3OUOA6WNKYAUH5GIZCOT
05-07	1524	Sizable	30 chr EAM IRVB6O RKI6EO3NIY7HB4E34HJXOFTA
05-07	1528	Sizable	30 chr EAM IRYLS3 QVB2KNNZ7X77JRWE2P3AFEI4
05-07	1532	Sizable	30 chr EAM IRVB6O RKI6EO3NIY7HB4E34HJXOFTA
05-07	1535	Sizable	30 chr EAM IRPNSD HODSYSVDAH7CRLW4X47V4FOT
05-07	1537	Sizable	30 chr EAM IRHRMM CQCHK2SUPYGJDJYBLQX6CSYL
05-07	1738	Sizable	30 chr EAM IRAOIP GPSZYEA4NMXHPWYYB6DLFVHB
05-07	1800	Sizable	30 chr EAM IRAOIP GPSZYEA4NMXHPWYYB6DLFVHB
05-07	1831	Sizable	30 chr EAM IRAOIP GPSZYEA4NMXHPWYYB6DLFVHB
05-07	1900	Sizable	30 chr EAM IRAOIP GPSZYEA4NMXHPWYYB6DLFVHB
05-07	1930	Sizable	30 chr EAM IRAOIP GPSZYEA4NMXHPWYYB6DLFVHB
05-07	2206	Sizable	214 chr EAM ZRLNO6 IYPKB5IV2XG7LCSZPSEJEIPGODRQ737UZZFKFPPFWQQQQ4XR74W YRAACAWAOTOAOOOOSAV3XQSSQQT2Z24FJ4GGGGRD222U4JG34X7BMTBQ47CPPJBS7 UKEE NR2XU2FUSNNNN2UZF34JBWWW4DQQN6ZNNNNLXZ6YLQHYYU5OGGBOG4444E7 RSLJH33H7 64TTPIQVVVV2CKVWBXIR
06-07	2132	Ruthless	30 chr EAM IRPKIH IUF2QN6NRDDFIXVWKMR7QSB2
06-07	2137	Ruthless	30 chr EAM IRESSZ YYRHE2SZBPS4UNH37UUT7ZOE
06-07	2256	Ruthless	30 chr EAM IRESSZ YYRHE2SZBPS4UNH37UUT7ZOE
07-07	1500	Conquest	52 chr EAM 6BDWIV UYBD5UXNOOPZZSO46JTTEEUDUCS74LO46JTYKHALP42OIM
07-07	1526	Conquest	42 chr EAM 6BX7IB 77QQ5YRDLNEEZUPJEFQOLBKZW3TYD6KHMAJT
07-07	1540	Conquest	30 chr EAM 6B32G2 GE4SCFIFAGRWWWVL567BFPSM
07-07	1807	Conquest	30 chr EAM IRRLDD LXDRZYJWN2BPEUMABBMP7OKS
08-07	0134	Geometric	30 chr EAM IRLHVD GOPFLGNSMQFVGIP6X2U2ELOW
08-07	1504	Geometric	30 chr EAM for Tattoo 6BH534 VFDPXFDB4RZFEEE6A77ZE2VA
08-07	1513	Geometric	30 chr EAM for Tattoo 6BA3D3 GV6SMG4QK7JDN7QABX4B3ZBO
08-07	1717	Geometric	30 chr EAM for Cutch 6B4KS4 SKJN4G7427DBAKT4E4SXP44U
08-07	1727	Geometric	30 chr EAM for Tattoo U4UQAF BCCKC7PLGKGCAFES5VIW4E2P
08-07	1747	Geometric	30 chr EAM for Tattoo U4L4WK 44XN5G6KAALWR4NKPYX7U5EJ
08-07	1803	Geometric	30 chr EAM for Tattoo U4O2YU CDY7OVHFNPWC6H3R33KSOKDL
08-07	1807	Geometric	30 chr EAM for Tattoo U4O2YU CDY7OVHFNPWC6H3R33KSOKDL
08-07	1818	Geometric	30 chr EAM IR5PWX OG7IA226ZYUAGZLA5VBO4RLC
08-07	1904	Geometric	30 chr EAM IRABSW U6XK4YYYFYNL74BDO5SDKPWE
08-07	2113	Geometric	30 chr EAM for Cutch U4IQ2V ECMPTJGPXEJTJCKSDF665N2C
08-07	2159	Geometric	30 chr EAM IR3Z4M N6NI6IZ4B7KOJF5HSL7UEHCF
08-07	2232	Geometric	30 chr EAM IRJ5J7 IP2AVXLDMGGTU4MB752CFUTL
08-07	2238	Geometric	30 chr EAM IR4Q7A RIN7RMHQVZFVXRV7YY5NYDUG
09-07	0415	Baby Thon	30 chr EAM IRQCL5 6JFVJBDNGP4Q5UURIB6REZAM
09-07	0435	Baby Thon	30 chr EAM IR37XW C7A2V3LV3N7W4PBSLYJA42UB
09-07	0446	Baby Thon	30 chr EAM IRXZPE P7ZJBSWZL3PBIAIF37M2QTUL

09-07	0600	Baby Thon	30 chr EAM IRWIJE CS6HXXXV7CFKKMXTLGWBP3HJ
09-07	0603	Baby Thon	30 chr EAM IRAUFX ITQ2XYSKIQJ4FCNAEFUKYV6S
09-07	1329	Baby Thon	30 chr EAM U4V6CV LWPJFLJC347FL2PXJVXLXS7X
09-07	1727	Baby Thon	30 chr EAM for Empty U4JVGI LVDO4NQCZ2WY6DXTQ5RXIDPL
09-07	1736	Baby Thon	30 chr EAM for Empty U4KWKP 3ESTKLENAJE7WCBLCFRVTSZG
09-07	1803	Baby Thon	30 chr EAM IRGOSO KIBIS37EOLY3SMI3AEIT3UOZ
09-07	2034	Baby Thon	30 chr EAM IRETQR 53IOXSL7Z6DZKX36ADWBMK3P
09-07	2136	Baby Thon	30 chr EAM for Empty U4LSG2 YPB5TZTTKMYCC2MULQPC7Q23
10-07	0530	Absorbing	30 chr EAM IRIOST QQMJICDP2FNWO54ZLFWNFEVD
10-07	0553	Absorbing	30 chr EAM IRQDHH TYHDRTTIASW5N5IJIJGHAKOR
10-07	0556	Absorbing	30 chr EAM IRAR5R DKSUGPYILXUFTMBX6KMPJH3C
10-07	0605	Absorbing	30 chr EAM IRIOST QQMJICDP2FNWO54ZLFWNFEVD
10-07	0608	Absorbing	30 chr EAM IRIOST QQMJICDP2FNWO54ZLFWNFEVD
10-07	0612	Absorbing	30 chr EAM IRAR5R DKSUGPYILXUFTMBX6KMPJH3C
10-07	0615	Absorbing	30 chr EAM IRQDHH TYHDRTTIASW5N5IJIJGHAKOR
10-07	0617	Absorbing	30 chr EAM IRIOST QQMJICDP2FNWO54ZLFWNFEVD
10-07	0629	Absorbing	30 chr EAM IRAR5R DKSUGPYILXUFTMBX6KMPJH3C
10-07	0632	Absorbing	30 chr EAM IRQDHH TYHDRTTIASW5N5IJIJGHAKOR
10-07	0635	Absorbing	30 chr EAM IRMJMN 27DTOXQ67WJ35H53VXPZGJN7
10-07	0638	Absorbing	30 chr EAM IRGSW5 B6ZRYJ3243Z6VZZ6SXHDSWCR
10-07	0659	Absorbing	30 chr EAM IROMIK ROTHUXUCIGCUIOBZ6M7QLCGV
10-07	0703	Absorbing	30 chr EAM IROMIK ROTHUXUCIGCUIOBZ6M7QLCGV
10-07	0705	Absorbing	30 chr EAM IRGSW5 B6ZRYJ3243Z6VZZ6SXHDSWCR
10-07	0708	Absorbing	30 chr EAM IRMJMN 27DTOXQ67WJ35H53VXPZGJN7
10-07	0711	Absorbing	30 chr EAM IRAR5R DKSUGPYILXUFTMBX6KMPJH3C
10-07	0904	Absorbing	248 chr EAM ZRZDNZ YBB6BR6XYBXIYOOAWOLXFO2ZSG3G4QYDDAA4I44WLPOOSLLKKKK 36474LDDKD3LBWLTJGHHHHJIHWHKXSGYJRABBRRCCCCCOD6UP2XE2CJ7C73K7DIIIIZYT362RV Q 3HSXIVBI4P3LAFPBACOGXDQOOKCKKQNBSSYNNIIIIBNAJ7IYY5YRCTNCZAD6666LAX5KB HVT CXYKZZYYHJJJJKLP5COHKOFZ3R3AH3PYYYY3VSKMYZUX
10-07	2233	Absorbing	30 chr EAM for Pole U4DFT4 BCG56ZMG7UYM6I5MPJ4Z3VAN
11-07	0613	Stevedore	30 chr EAM IRT5GC FW4QRIQW63WDWFLXIJLGNCO7
11-07	0617	Stevedore	30 chr EAM IRK34B NXZABNHXRZXKKNVCQMAJSW4N
11-07	0620	Stevedore	30 chr EAM IRDA62 OP6N7THI6CGO4MGSYHUIE53Z
11-07	0641	Stevedore	30 chr EAM IRYF2Z 2DOHSDZQKEHZP7T7XHEP3H46
11-07	0644	Stevedore	30 chr EAM IRX7WV 2IIWHBELEKBNDWN7FIK3PHXD
11-07	0649	Stevedore	30 chr EAM IRZ4KS JQHYX3PNCZFPBCPABT3Y7TVC
11-07	0655	Stevedore	30 chr EAM IR5DCS 6YZJ3EUIGPVQPMAZHSVZUYOQ
11-07	1633	Stevedore	30 chr EAM for Rain U46TQX AGGGSLBRKDZ4CV2MSFKZCIBW
11-07	1703	Stevedore	30 chr EAM for Rain U4NAES VVROGIADE2CSCVSGD5DANQMY
11-07	1933	Stevedore	30 chr EAM for Rain U4IJVA XVBCGQO6SGYDDFNUTYDKUL6T
11-07	1953	Stevedore	30 chr EAM for Rain U4WRJK PTIYSYYIUXP2TAX3Q7QEA23Y
11-07	2103	Stevedore	30 chr EAM IRT7K3 GKBR2JWWE7TW5XHYZFSXMVIZ
11-07	2201	Stevedore	30 chr EAM for Rain U4BFE2 G74OW6TOE42STE37E265EH3L
11-07	2223	Stevedore	30 chr EAM for Rain U4UK6I GQECPCF6I6A5RJ23RHRIF2XW
11-07	2233	Stevedore	30 chr EAM IR5H3U 327LR4DGBXIJ6T2J4YQNSIHK
11-07	1243	Stevedore	30 chr EAM for Rain U42RGT T5JM3YWBEETXWXOKKZ23AE23
12-07	0146	Autocrat	30 chr EAM IRCVU7 D7SVQI77EAZYQPUJEGIWH374
12-07	1803	Autocrat	30 chr EAM for Part? U4ARUH FK7ZSNJK5YLXQJXQBLZZLPWM
12-07	2032	Autocrat	30 chr EAM IRGZK2 7HUEX5X2D37GTBHOS2GD3YES
13-07	1722	Posthole	37 chr EAM U4KPX2 6PZHXLIKIMKJE3TK2W6GG3L7UFFFQHK
13-07	1837	Posthole	30 chr EAM IRZEGO 7MMAOCTFMEVNDOJ3UTUKMG2X
13-07	1919	Posthole	30 chr EAM IRVI7Q SLP7L6DFCFTJ4CHISJXITH72
13-07	1921	Posthole	30 chr EAM IR3BAP 7GZ2Z73SKTGPOQUBGLCHN4OK
13-07	1953	Posthole	30 chr EAM IRJZQL FSJCO252J4GJRCBJP5HZ62KT
13-07	2008	Posthole	30 chr EAM IRVI7Q SLP7L6DFCFTJ4CHISJXITH72
13-07	2011	Posthole	30 chr EAM IRZEGO 7MMAOCTFMEVNDOJ3UTUKMG2X
14-07	0032	Bypass?	30 chr EAM IRNUJB BS6YTE2FW3NSHU3ZIEFS6QUE
14-07	0042	Bypass?	30 chr EAM IR7ZK3 7H36DESGL3TYJBJMTAISKUJF
14-07	1803	Bypass?	30 chr EAM IRUXFI 2EYBZAPXLNT2UIQATVR3K6XJ
14-07	2119	Bypass?	37 chr EAM U4FVGE JL5MFJGL522HEY4D3LURD3YTJQOLGMR
15-07	1433	Location	30 chr EAM for Wolga? U4AIHA GMIYXWUVA2GDSR764XZOSXIX

15-07	1446	Location	30 chr EAM for Wolga? U4RJ3H L5FF46QE6CU5DLC65AI7IBFU
15-07	1449	Location	30 chr EAM for Wolga? U4RJ3H L5FF46QE6CU5DLC65AI7IBFU
15-07	1503	Location	30 chr EAM for Wolga? U4JU64 SKNHRPOTURGC3LDASJKFM5UL
15-07	1517	Location	30 chr EAM for Wolga? U4ZD6F V3YFP5KZMULPSCLYZD4UY3CI
15-07	1758	Location	37 chr EAM U4FYS2 4LQQMXTI22IXALJPO3SXS7Z36YXGFJB
15-07	1805	Location	41 chr EAM U4JMTQ PFWMSTU55ENZPMFOKLUJZAQZSDRPXTG5DLN
15-07	1808	Location	30 chr EAM U4HKQT YOW4TOHW7VPFMYBTOQICWGX4
15-07	1850	Location	30 chr EAM IRTA2D I4C2JOXHR35MYV47NG6K7YFV
15-07	1853	Location	30 chr EAM IRMBFJ VJLWOKPM4PW2TLBBFZUW3BJE
15-07	1933	Location	30 chr EAM IRMBFJ VJLWOKPM4PW2TLBBFZUW3BJE
15-07	1935	Location	30 chr EAM IRTA2D I4C2JOXHR35MYV47NG6K7YFV
15-07	1937	Location	30 chr EAM IRTA2D I4C2JOXHR35MYV47NG6K7YFV
15-07	1940	Location	30 chr EAM IRTMNT HWW67PT6RY4SIADLXJYS2B6V
15-07	1942	Location	30 chr EAM IRTMNT HWW67PT6RY4SIADLXJYS2B6V
15-07	1944	Location	30 chr EAM IRMBFJ VJLWOKPM4PW2TLBBFZUW3BJE
15-07	1945	Location	30 chr EAM IRTA2D I4C2JOXHR35MYV47NG6K7YFV
15-07	2000	Location	30 chr EAM IRTMNT HWW67PT6RY4SIADLXJYS2B6V
15-07	2002	Location	30 chr EAM IRMBFJ VJLWOKPM4PW2TLBBFZUW3BJE
15-07	2004	Location	30 chr EAM IRTA2D I4C2JOXHR35MYV47NG6K7YFV
15-07	2008	Location	30 chr EAM IRSZ32 YS5XLWJ7RJJMMTIMXBMBAGQP
15-07	2011	Location	30 chr EAM IRT4IS QBDW2DPSJV37RUNGTRTVUX2E
15-07	2015	Location	30 chr EAM IRTQ5D BDEQZXAH3BJVGYLW5XFJEXZC
15-07	2026	Location	30 chr EAM IRBIOI W3EHCJLQ5N2L6CJQYXYRXLZS
16-07	1732	Day Coach	30 chr EAM for Chissy? U4S4WQ 4N7ZYHHXER4CHU62F5MJVDEO
16-07	1803	Day Coach	30 chr EAM IRUIB5 WP6AMRBS5U4VPZUQ4X6U6AGK
16-07	1833	Day Coach	54 chr EAM U4K5NM JRBJ3ZHEM3WVZYZ6SUDB64EBFE4KXPII3YRVFEGRXJYVNM6X
16-07	1947	Day Coach	30 chr EAM for Hoard-91 U4D2JP VDNZLFTMDPXYZ5NL27I2IBL6
16-07	2026	Day Coach	30 chr EAM IR5INE BT3F2CYD53ND2APU5ACXV43I
17-07	0440	Epitaph	30 chr EAM IR3C3F AKJA5WBJARRHUIEKMQHJQWSR
17-07	0450	Epitaph	30 chr EAM IR3C3F AKJA5WBJARRHUIEKMQHJQWSR
17-07	0455	Epitaph	30 chr EAM IR55W2 IUMWVKH52HZNDZ2FE64PTX7U
17-07	0459	Epitaph	30 chr EAM IR3C3F AKJA5WBJARRHUIEKMQHJQWSR
17-07	0502	Epitaph	30 chr EAM IR55W2 IUMWVKH52HZNDZ2FE64PTX7U
17-07	1448	Epitaph	30 chr EAM IRTEQW 4GWYOACTPPNKTYHRMUKLFB6Q
17-07	1513	Epitaph	30 chr EAM IRG6YE EJB4RAO7WNNFQW7Y2GFJXYMN
17-07	1740	Epitaph	30 chr EAM IRJNYZ CGTHWOZLSSV6US3FMRFKAEDR
17-07	1743	Epitaph	30 chr EAM IRAN7A EZRPSJULVXDG2K5EPOEPCZHQ
17-07	1835	Epitaph	30 chr EAM IROKFJ ZOIB6SR4AFYHGC6XUDXJFCUV
17-07	1857	Epitaph	27 chr EAM U43ELK SE67UUY4VPEIZLJAXIMGN
17-07	1907	Epitaph	30 chr EAM IRCTMF 4SZRURIEQ4FFHLUIJM2JWKRL
17-07	2017	Epitaph	30 chr EAM IRLYRT ZYSQCSHE2EFVDGYY4BURC53G
18-07	1547	Endowment	30 chr EAM for Super Duper U4FLW2 DPDQBKDYWDWG747WE53EVLFT
18-07	1634	Endowment	47 chr EAM U4OAAH TKSNJGTAYXDAQK77LAZ77L7Z77LKSU22VFQ7UEHRQ
18-07	1718	Endowment	19 chr EAM U4B3XN VJAGDXLBUPDCD
18-07	1728	Endowment	220 chr EAM ZRUHTC 7MPIP4GWIAZHUCT7BTKU7OII46I3AYWXKTAN434NHSN63N44XUXH4K K KKCSD5D7UZNNLB7EVGEXNI4BBGZF34JBBVW4DQ46QJNNNNLXZ6YLQP77U5OGGSCX4444E 7RSLJ3ZLL764TTC4TVVVV2CEOKBSMMS4KIJJFXNYYYYQUXPZRG2CO7AMGDPGE372DBDIURXXS X3HKHHHHBTRPAJTBC
18-07	1803	Endowment	30 chr EAM IR7GPA KGWJTOTUX2P7CFH5EBPC2O6E
18-07	1843	Endowment	30 chr EAM IRX57R L6OFVLJ3FS5LPBJ4FB6BF32W
18-07	2103	Endowment	30 chr EAM IRRQDL 7OMH2JL4CDQ7E4254J76NEPH
19-07	0943	Rectangle	38 chr EAM ZRDASP OVW27BJYPT6KRN7IF5JFTHSSDAXPHJA2
19-07	1232	Rectangle	38 chr EAM ZR55E6 4VCDJ6NAVYRY2UCLFUHF2U5MNYFOBXEY
19-07	1519	Rectangle	54 chr EAM U4Y3W5 PESK6O2MOKQ5XGCP6IECPKIVJCWMEEBJCN62JCEMEK5J7P4G
19-07	2103	Rectangle	30 chr EAM IRZ76Z YZYGK7XNQIBYNDLWOEOB5SE3
19-07	2113	Rectangle	104 chr EAM ZR7U7N 4G4QPVCUAAOU3ZTCDTOA5ETYJ6UXE2ZXPJ7CI3C3IIIIIZWGTQVK2QVH BTVYAB2JJJJVAFG6YS4UFHGCD4PGUDDDDA7VFJZDBA
19-07	2226	Rectangle	30 chr EAM IR4YN7 L25YHW6J77AIT2Y2IHTZCA2W
20-07	0803	Overrate	132 chr EAM XYZMOJ 7IDKJ26UUQ7RXFB6LBXQENAYOFTFGHE45TTIJIITHLQQNHHTTTTRL552 TQQXQL7PC7BJZUUUUHTZM4JOQBEASVWWSSH77773VHIFPUDPAU3Z37B3NPPPPWAYV6SA YC I say again XYZMOJ 7I then off

20-07	1201	Overrate	30 chr EAM IR7BFN CT7YVCDQM5YWP47RL2BKA5IN
20-07	1721	Overrate	37 chr EAM U4JHMO 6XGU4VJPCNNAARIDPMLQZPXIUKYBRYL
20-07	1731	Overrate	37 chr EAM U4OUH3 P7PJDXKJRZJOGQXBIMIGWXX7K7TVZTZ
20-07	2217	Overrate	30 chr EAM U4RS3E WLRKVP5N6ST3ZGNNEJWBWHII
20-07	2226	Overrate	30 chr EAM IR5YZV 7AY4C2RT4FBV3G4YSVS6J2FZ
20-07	2245	Overrate	30 chr EAM IRL6GR EDNIS7G74V2JKA3TRPOU7NAW
20-07	2251	Overrate	30 chr EAM IRGT73 EOC7JGAIK34YUINGE4DOVURH
20-07	2255	Overrate	30 chr EAM IRL6GR EDNIS7G74V2JKA3TRPOU7NAW
21-07	0033	Ashcake	30 chr EAM IR26WR QUPX5BDFD7O2KMDHKWXFJGI4
21-07	0043	Ashcake	30 chr EAM IRO2G4 WE4XZCGSYXKIMGX53JPFVKDA
21-07	2207	Ashcake	30 chr EAM U4X2TX J6C2XJSGZFY3NZREBDLA6XWN
21-07	2212	Ashcake	30 chr EAM IRRJII 7LI4IVNZ4RW2AN5WB27YD2LR
21-07	2223	Ashcake	30 chr EAM IRNP6E B33XHIUCNCC276D4BZGRPIJT
21-07	2259	Ashcake	30 chr EAM IRD3HX 5XSQEFWB3XQQQMOATUTLDNFQ
22-07	1747	Stockmen	30 chr EAM for Naxcel-28? U4QZZ7 4J457XHEKXGMAQDR5RPHN3BQ
22-07	1817	Stockmen	30 chr EAM IRZFEC 5HOUE3QEJQ3C3A75FEHI7REK
22-07	2003	Stockmen	30 chr EAM IRCN4 OEYAU5NZQNT6OQIELCH76OMXW
22-07	2206	Stockmen	30 chr EAM IRZMVD B3D64E27XXZV52L3XEDHQBUJ
22-07	2343	Stockmen	30 chr EAM for Tempest, for Dandruff, for Weapon U4HQFK WV6MWKF7RRWM2UBTYO6NJWGB
23-07	0017	Aerobatic	49 chr EAM U4YBHH MSNDJOXI4NXQS2SRGTML4QYLPOUASMYL4QGL4M3MKFT
23-07	0536	Aerobatic	30 chr EAM IRFB73 ZNKV2LBB3BDNKYQ6P5WRFBMI
23-07	0831	Aerobatic	37 chr EAM U4DQ7F SZQFKP65F2KHMY25 then off
23-07	1303	Aerobatic	30 chr EAM for Dearest U4ZN3W EMXRTNHKVJSHCIY3NQWMPZPY
23-07	1320	Aerobatic	30 chr EAM for Dearest U4B46N CKMMRQILD3KHGZZBUEIQY3ZU
23-07	1634	Aerobatic	30 chr EAM U4TXVF RRULQ2V3OVUEDFTBSQPSA5IP
23-07	1803	Aerobatic	30 chr EAM IRN36Y MBMKGUVSN6VKJUZ2ECQYEHLB
23-07	1853	Aerobatic	30 chr EAM IRWBLK FYITX67XSYPSK6J3GXXK7D6O
23-07	1856	Aerobatic	30 chr EAM IRN4UQ QIOXP7IBRHBXRRYJPJWKJPOS
23-07	1950	Aerobatic	30 chr EAM for Drift-34 U4T5HQ 7VK2UGCS6AHQJED7NW2DOJJJ
23-07	2016	Aerobatic	30 chr EAM IRC63I 7GKLYEQ665EOB2VJNXTB4RP2
23-07	2233	Aerobatic	36 chr EAM U47MUR PZOJIU4VKNWS7BIXO3VKT225UCIHVG
23-07	2350	Aerobatic	42 chr EAM U4PS3S VV6KDXV4PWSE7BZBYDCZBYRVZCJKYHD7M47I
24-07	0422	Voltaire	29 chr EAM IRNOPI NWBQ3GEZDLBYCKP2F24V3G5 (error, chr 29 is missing)
24-07	0425	Voltaire	30 chr EAM IRNOPI NWBQ3GEZDLVYCKP2F24V3GT5
24-07	0429	Voltaire	30 chr EAM IRNOPI NWBQ3GEZDLVYCKP2F24V3GT5
24-07	0600	Voltaire	30 chr EAM IRNOPI NWBQ3GEZDLVYCKP2F24V3GT5
24-07	0609	Voltaire	30 chr EAM IRKWTV JGUV7V2O43ZS2NKXVBKPTUGI
24-07	0611	Voltaire	30 chr EAM IRKWTV JGUV7V2O43ZS2NKXVBKPTUGI
24-07	0613	Voltaire	30 chr EAM IRNOPI NWBQ3GEZDLVYCKP2F24V3GT5
24-07	0642	Voltaire	30 chr EAM IRWNXT 3JEU4QBXZUXS3PI2SIQOHUT2
24-07	0645	Voltaire	30 chr EAM IR4NEY 7OAUMES3WDGCMAT7775Y2PXQ
24-07	0648	Voltaire	30 chr EAM IRNZDD F3ZAQFCGX3M26T4PQBETHOSX
24-07	0659	Voltaire	30 chr EAM IRWNXT 3JEU4QBXZUXS3PI2SIQOHUT2
24-07	0703	Voltaire	30 chr EAM IRNZDD F3ZAQFCGX3M26T4PQBETHOSX
24-07	0706	Voltaire	30 chr EAM IR4NEY 7OAUMES3WDGCMAT7775Y2PXQ
24-07	0711	Voltaire	30 chr EAM IRWNXT 3JEU4QBXZUXS3PI2SIQOHUT2
24-07	0713	Voltaire	30 chr EAM IRNZDD F3ZAQFCGX3M26T4PQBETHOSX
24-07	0715	Voltaire	30 chr EAM IR4NEY 7OAUMES3WDGCMAT7775Y2PXQ
24-07	0719	Voltaire	30 chr EAM IRWNXT 3JEU4QBXZUXS3PI2SIQOHUT2
24-07	1548	Voltaire	30 chr EAM for Devil-40 U42N6P YZMHK47E5O57PJZNSZL6PS5F
24-07	1617	Voltaire	30 chr EAM IRFAYK O2SWG7DB6JYA5UW2JABEF2H7
24-07	1631	Voltaire	30 chr EAM IRWOOK XT7RUSLDTIRCRCEDKNFJZYTO
24-07	2017	Voltaire	30 chr EAM IREEES OFP6IRF7U2JUZX6BG6RF4ZPJ
24-07	2144	Voltaire	30 chr EAM IRP5PZ ZDQ2CHHCSUWGZXXBSIFDMVE7
24-07	2147	Voltaire	30 chr EAM U4F66U XCA43ECMH55GJ5LRLQ66XTFY
24-07	2158	Voltaire	30 chr EAM IROTAU AJ25JWZA2KSMCV2YGGQPOLWY
24-07	2200	Voltaire	30 chr EAM IRB4SJ 3L3QSENVDEGJYB4CF3ISXTDN
24-07	2204	Voltaire	30 chr EAM IRB4SJ 3L3QSENVDEGJYB4CF3ISXTDN
24-07	2206	Voltaire	30 chr EAM IRH4CS LCPAWWAQYNIVIP3EK42SVERB
24-07	2209	Voltaire	30 chr EAM IRB4SJ 3L3QSENVDEGJYB4CF3ISXTDN

24-07	2211	Voltaire	30 chr EAM IRP5PZ ZDQ2CHHCSUWGZXXBSIFDMVE7
24-07	2248	Voltaire	30 chr EAM U4IMB5 TWNMMUNUBFY7O42Q6TITOPOF
24-07	2331	Voltaire	52 chr EAM U4CQZD YZWSXJDKGE2POZWNKHG5PWAWV2NUVDWNKUGI4RO4KFUXXS
24-07	2344	Voltaire	44 chr EAM U4EU66 RGSE4AAMZMHQXDTRH3VB7JV4Q4IQL64YEW4
24-07	2353	Voltaire	30 chr EAM IRYJB3 HVZSXCCS42WL6M2ZJZZGRYSB
25-07	2018	Ball Pen	30 chr EAM IRS7P2 FFLF6DNDOISC3LP22GJWUTDC
25-07	2102	Ball Pen	30 chr EAM IR4OOR XONTUE36JZEVY5ORPTRCLE4J
26-07	0141	Log Road	37 chr EAM U4LJG5 WHV3PF2UTRFZBBHLN7X64Z4SQ5ZY6EP
26-07	0217	Log Road	30 chr EAM IRWLW5 WN6SXWYACMCXLNQC56VGTLQY
26-07	0415	Log Road	37 chr EAM U4QCJJ Y6DEBCDO4LOBJGANCDOT6D5W65RT3XW
26-07	1733	Log Road	30 chr EAM IRI2V7 THIYD6RYZVRTBYR7FNYCMKBT
26-07	1845	Log Road	30 chr EAM IRUQUD TAGPHLRFJLUAORW4UXP3OAB7
26-07	2036	Log Road	30 chr EAM IRS2VU 6WOFW33JFCSZNCXFGEUDEIQX
26-07	2127	Log Road	30 chr EAM IRKHVW XDXRVGBE6FDQGSYMPBHISM6F
26-07	2305	Log Road	30 chr EAM IRY5EG JK6F2E4A7SA74SFQKTGB7ACR
26-07	2308	Log Road	30 chr EAM IR3YYK SLWIYVIE6SXGML6G5W45S2CK
26-07	2345	Log Road	30 chr EAM IRMZU4 RUWIVBG32TXM26VGWM6CDB3J
26-07	2350	Log Road	30 chr EAM IRMZU4 RUWIVBG32TXM26VGWM6CDB3J
27-07	0147	Billy Boy	30 chr EAM IRON26 SZ4KGWM6N6X3ZLK36A3Q27ZN
27-07	1352	Billy Boy	110 chr EAM XY7TRZ BS6UONKFYAQX24IHWWLB4TCVPOTB7HVR6TLUNXUDGB3BHVV DDDDUJS4QHLJU6ZJFXFPSOAAAAE345HA6JTJTHLRNH6FTTTTRGUDFDVP6
27-07	1430	Billy Boy	30 chr EAM IRHNHC TABR7GWWT6GNJZPASOJ3NIEZ
27-07	1646	Billy Boy	30 chr EAM IRR6EW IGZ7D2LAGV7QGOTPCAHQNXCV
27-07	1703	Billy Boy	30 chr EAM IR4D42 UOXYIL6BLV4N56DPHLN34AUG
27-07	1752	Billy Boy	30 chr EAM IRIFVC BGDVTQWSATAHKAUUYXDEKZNG
28-07	2339	Clerical	41 chr EAM U4XJQZ RLZSFGYEYHAI7O3PD37JUYYZBVCKAZ24PCB
28-07	2344	Clerical	36 chr EAM U4INI3 PNQU7RKHWITTVYKU4F3YAMCL6JE6JW
28-07	2353	Clerical	30 chr EAM U4SRPB B35Y5MI6N4GJY7PT6ZXRSNXP
29-07	0016	Bad Girl	30 chr EAM IRE6J3 ESITNBX6LXHTHA7BDITNSHV6
29-07	0019	Bad Girl	30 chr EAM IRP7CR WL26KGWLDCPDJQKGWYPBYSW4
29-07	0031	Bad Girl	30 chr EAM U4ZT5F 6VYENB5MOY5W4YHSEYPQ4BE6
29-07	0033	Bad Girl	30 chr EAM IROZEC CHORJRN3HKH5XRRIYIBQ3LFZ
29-07	0050	Bad Girl	30 chr EAM IRDW2Q 3YEBQOL72JCLHKS5D64LXKSY
29-07	0331	Bad Girl	30 chr EAM IRTHAU E4GIYBRZY7PVIU2MWLKTECSX
29-07	0339	Bad Girl	30 chr EAM IRTHAU E4GIYBRZY7PVIU2MWLKTECSX
29-07	0355	Bad Girl	30 chr EAM IRF4WU HB3W4FWRKZDZXBUYBWFN4RIY
29-07	0357	Bad Girl	30 chr EAM IRBM37 QAWT44IKP7GIGHFNETSJB5OK
29-07	0400	Bad Girl	30 chr EAM IRBM37 QAWT44IKP7GIGHFNETSJB5OK
29-07	0403	Bad Girl	30 chr EAM IRF4WU HB3W4FWRKZDZXBUYBWFN4RIY
29-07	0405	Bad Girl	30 chr EAM IRTHAU E4GIYBRZY7PVIU2MWLKTECSX
29-07	0430	Bad Girl	30 chr EAM IRBM37 QAWT44IKP7GIGHFNETSJB5OK
29-07	0432	Bad Girl	30 chr EAM IRF4WU HB3W4FWRKZDZXBUYBWFN4RIY
29-07	0435	Bad Girl	30 chr EAM IRTHAU E4GIYBRZY7PVIU2MWLKTECSX
29-07	0500	Bad Girl	30 chr EAM IRBM37 QAWT44IKP7GIGHFNETSJB5OK
29-07	0502	Bad Girl	30 chr EAM IRTHAU E4GIYBRZY7PVIU2MWLKTECSX
29-07	0505	Bad Girl	30 chr EAM IRTHAU E4GIYBRZY7PVIU2MWLKTECSX
29-07	0531	Bad Girl	30 chr EAM IRNBRF QNVOI6RNXUHJF7A7HCNAM3L7
29-07	0534	Bad Girl	30 chr EAM IRBM37 QAWT44IKP7GIGHFNETSJB5OK
29-07	0536	Bad Girl	30 chr EAM IRKDHM GPVJTM5X3W5QXOCJWDAXSF7N
29-07	0539	Bad Girl	30 chr EAM IRF4WU HB3W4FWRKZDZXBUYBWFN4RIY
29-07	0541	Bad Girl	30 chr EAM IRTHAU E4GIYBRZY7PVIU2MWLKTECSX
29-07	0601	Bad Girl	30 chr EAM IRBM37 QAWT44IKP7GIGHFNETSJB5OK
29-07	0604	Bad Girl	30 chr EAM IRBM37 QAWT44IKP7GIGHFNETSJB5OK
29-07	0606	Bad Girl	30 chr EAM IRF4WU HB3W4FWRKZDZXBUYBWFN4RIY
29-07	0608	Bad Girl	30 chr EAM IRTHAU E4GIYBRZY7PVIU2MWLKTECSX
29-07	0630	Bad Girl	30 chr EAM IRBM37 QAWT44IKP7GIGHFNETSJB5OK
29-07	0632	Bad Girl	30 chr EAM IRF4WU HB3W4FWRKZDZXBUYBWFN4RIY
29-07	0635	Bad Girl	30 chr EAM IRTHAU E4GIYBRZY7PVIU2MWLKTECSX
29-07	0649	Bad Girl	30 chr EAM NLVSOA AGHNDYRDUG3Q6IQEC6JUEOLW
29-07	1553	Bad Girl	30 chr EAM NLVLV2 33RL44CHVEFH7PAL2THE3NBQ
29-07	1732	Bad Girl	30 chr EAM NLJU45 TGXGXAUNRRERM5OFQYORHHQS

29-07	1801	Bad Girl	30 chr EAM NLAEU4 OSGXPEKR4KIPI5JJS4V2ELZU
29-07	1804	Bad Girl	30 chr EAM NLJU45 TGXGXAUNRRERM5OFQYORHHQS
29-07	1807	Bad Girl	30 chr EAM NLAEU4 OSGXPEKR4KIPI5JJS4V2ELZU
29-07	1809	Bad Girl	30 chr EAM NLSEWJ JCOOFG6R5QHISFANUWXAPYDL
29-07	1813	Bad Girl	30 chr EAM NLJU45 TGXGXAUNRRERM5OFQYORHHQS
29-07	1829	Bad Girl	30 chr EAM NLAEU4 OSGXPEKR4KIPI5JJS4V2ELZU
29-07	1832	Bad Girl	30 chr EAM NLEYWT 7QY47Z7H4KH6QEUQ36PLRGDK
29-07	1835	Bad Girl	30 chr EAM NL5LK4 6MKF2CQGNQFTO2PIRCU4ABE7
29-07	1840	Bad Girl	30 chr EAM NLBRRY KE3SD4ZNT4HLLCQP24TMI2V3
29-07	1843	Bad Girl	30 chr EAM NLJU45 TGXGXAUNRRERM5OFQYORHHQS
29-07	1900	Bad Girl	30 chr EAM NLBRRY KE3SD4ZNT4HLLCQP24TMI2V3
29-07	1903	Bad Girl	30 chr EAM NL5LK4 6MKF2CQGNQFTO2PIRCU4ABE7
29-07	1906	Bad Girl	30 chr EAM NLEYWT 7QY47Z7H4KH6QEUQ36PLRGDK
29-07	1924	Bad Girl	30 chr EAM NLAZPB F57N2XN54NJ7RBWKGWEO4IZX
29-07	1929	Bad Girl	30 chr EAM NLX75V RYC5IA3W7ML7VYUTME7QCP6Y
29-07	1923	Bad Girl	30 chr EAM NLBRRY KE3SD4ZNT4HLLCQP24TMI2V3
29-07	1934	Bad Girl	30 chr EAM NL6FNH LPM6WAX6PTZBCERHLIE65TLX
29-07	1937	Bad Girl	30 chr EAM NL5LK4 6MKF2CQGNQFTO2PIRCU4ABE7
29-07	1940	Bad Girl	30 chr EAM NLLTWQ RQCQCKNREKPHBFLZTKBPWYEJ
29-07	1943	Bad Girl	30 chr EAM NLEYWT 7QY47Z7H4KH6QEUQ36PLRGDK
29-07	1954	Bad Girl	30 chr EAM NLFWFC JIT22LG7BZQDOSLVQ4QJ24W6
30-07	1003	Arm Rest	30 chr EAM for Papaya U4O7DJ BRMUV6TK2VYDBTKGB23U6HM4
30-07	1021	Arm Rest	30 chr EAM for Papaya U4XQKV BZDLOHQVIEH63GA2E3TX5PN7
30-07	1034	Arm Rest	30 chr EAM for Papaya U4A5VN VJCRA4JDMF2TDWKQIY6X6YMV
30-07	1217	Arm Rest	30 chr EAM for Papaya U4LVAD HZHWAN6SDWW2D4F44GFHW5M3
30-07	1214	Arm Rest	30 chr EAM for Firefly Guard U4J6BF 6MY6UHGMRCP26L4JIRIEU5FF
30-07	1303	Arm Rest	30 chr EAM for Firefly Guard U4SHJ6 FASCYLXZ6DHO6ZYHPVQVEDLX
30-07	1313	Arm Rest	30 chr EAM for Firefly Guard U4MPDC CTPI3WDHVJU4HPHCOAVDDN3A
30-07	1323	Arm Rest	30 chr EAM for Firefly Guard U4FKTK 2BYKBJ6EIG2UXS27WRDDXNYS
30-07	1603	Arm Rest	30 chr EAM U4U3JR 6PA7KY3VIUNQ72HGNUWLXLHD
30-07	1725	Arm Rest	30 chr EAM U4OPOR QMNVAZE3HHU6FV2Q7BIMJHOD
30-07	1732	Arm Rest	37 chr EAM U4TEJY 7GFLQKZJYCKMF6OAOCJHRAFAHIQEUUX
30-07	1735	Arm Rest	30 chr EAM for Cake-76 U4DBPC R3G6KZEHMBKULJMZYFC2CRUS
30-07	1803	Arm Rest	30 chr EAM NLU4UL 37WO666WB7BKF5ZM2VPLFZ7Y
30-07	1840	Arm Rest	30 chr EAM NLZ64K TW6HKKHIYDTY3GNVTULTGSGH
30-07	1843	Arm Rest	30 chr EAM NLR35N TDUVEGJMQ3EG4UTTGJRGDKSN
30-07	1948	Arm Rest	30 chr EAM for Moke-76? U4TPID XPHTNERJY2YXP7CGLRHNQTVZ
30-07	2016	Arm Rest	30 chr EAM NLO56P 2IJE43TLRYQX36UFGFYDH6OS
31-07	0015	Bumstead	30 chr EAM U46DTL R6PGVJMF4CU4RWCYJDH7OBUF
31-07	0106	Bumstead	30 chr EAM M5U2NX WPVSASJ7WCVFHMV3EWKFMD2Y
31-07	1726	Bumstead	37 chr EAM M5KBS3 QAOMUWATYO4TV7QAVL2GKUNJQDZTILC
31-07	1731	Bumstead	41 chr EAM M5IBNB H7TEC3J5JTGGRMJKQLWOHUY57E46W3PUDOV
31-07	1734	Bumstead	30 chr EAM M5TEKE 5BHZ2XY6NZZMO3PQYFVFGY2H
31-07	1806	Bumstead	30 chr EAM NLJKVK FAB6ZHH3D6KX2EI6NBVER6LS
31-07	1808	Bumstead	30 chr EAM NLJSFR KYXILEDYOWBTFXPD3XPX3GJB
31-07	1812	Bumstead	30 chr EAM NLJKVK FAB6ZHH3D6KX2EI6NBVER6LS
31-07	1814	Bumstead	30 chr EAM NLJSFR KYXILEDYOWBTFXPD3XPX3GJB
31-07	1827	Bumstead	30 chr EAM NLMNRS IJNETCDEJKOSJPRJQXIWOARJ
31-07	1833	Bumstead	30 chr EAM NLJFOJ ZZSAV6E4QDGBWIXH5V3D2VYF
31-07	2016	Bumstead	30 chr EAM NLZFDF IDCCN2EQLLG3IL5VC7RAHENG
31-07	2018	Bumstead	30 chr EAM NLVVNU 6PLLKP52DK3UZT62LIIWQZGM
31-07	2021	Bumstead	30 chr EAM NLD3KB ZNV4CEWMLTOGXYYZBEDI2YXC
31-07	2032	Bumstead	30 chr EAM NL2SBA LUHYHP7WVVU5BXVOTOZCSL27
31-07	2035	Bumstead	30 chr EAM NLVVNU 6PLLKP52DK3UZT62LIIWQZGM
31-07	2038	Bumstead	30 chr EAM NLZFDF IDCCN2EQLLG3IL5VC7RAHENG
31-07	2040	Bumstead	30 chr EAM NLM44A VUG54TALJY4UONUOSY6TV4WK
31-07	2056	Bumstead	30 chr EAM NLK3TP J77FO2FVNCAACYCJUIJOHK2F
31-07	2058	Bumstead	30 chr EAM NLUZH6 S67GPSYJEWOZVNGNM7VSQTIM
31-07	2102	Bumstead	30 chr EAM NLUZH6 S67GPSYJEWOZVNGNM7VSQTIM
31-07	2104	Bumstead	30 chr EAM NLK3TP J77FO2FVNCAACYCJUIJOHK2F
31-07	2106	Bumstead	30 chr EAM NLM44A VUG54TALJY4UONUOSY6TV4WK

RUSSIAN MILITARY TRANSCRIPTS

Excerpts from messages submitted by AB, Gwr, F5JBR

Strategic messages

5226 kHz, 08-07, 1232 UTC	XXX XXX 1ShchRF 1ShchRF 78243 FABRIKAT 2356 9118 K
8109 kHz, 14-07, 0717 UTC	XXX XB2M 63172 ZETONAJM 5078 9325 K
5911 kHz, 24-04, 0500 UTC	XXX 8S1Q MOROTNYJ 6581 K
5292 kHz, 27-07, 1107 UTC	XXX XXX WEGI WEGI 79846 REZIST 6789 9479 K
5292 kHz, 30-07, 1112 UTC	XXX XXX 1ShchRF 1ShchRF 09322 BODRENDEKIJ 8366 1226 FORTODZhA 2527 3884 K
5227 kHz, 30-07, 1131 UTC	XXX XXX 1ShchRF 1ShchRF 83561 SOChOHWAT 7654 1110 KAPTYeRKA 5425 3823 GUAMOFANG 6086 2805 K
5227 kHz, 30-07, 1215 UTC	XXX XXX 1ShchRF 1ShchRF 55563 MONTER 7844 2262 K

Monolith stations

5448 kHz, 23-07, 1425 UTC	Russian military. Pip marker
5474 kHz, 23-07, 1425 UTC	Russian military. Squeaky Wheel marker
4625 kHz, 23-07, 1425 UTC	Russian military. Buzzer marker
5292 kHz, 23-07, 1425 UTC	Russian military. Marker. Sends N instead of D
4182 kHz, 23-07, 1425 UTC	Russian military. Dash marker
3510 kHz, 23-07, 1425 UTC	Russian military. Air Horn marker
4310 kHz, 23-07, 1425 UTC	Russian military. Goose marker
4770 kHz, 23-07, 1425 UTC	Russian military. Alarm marker

S30 Pip – Southern District

5448 kHz, 08-07, 1203 UTC	8MUO 90245 AZIDOFYeN 3289 0400 sboj 8MUO 8MUO 90 sboj. 8MUO 90245 AZIDOFYeN 3289 0406 Note: sboj means error
5448 kHz, 08-07, 1204 UTC	TUZR TUZ sboj TUZR TUZR 07633 BUKOSAK 3289 4705
5448 kHz, 08-07, 1205 UTC	8S1Shch 00878 NACYeLIVAN'Ye 6322 9167
5448 kHz, 08-07, 1207 UTC	8S1Shch 71068 TOMMAK 6116 7685
5448 kHz, 24-07, 1406 UTC	8S1Shch SBYTOSYeV 212 (unusual three digit group)
5448 kHz, 27-07,1013 UTC	8S1Shch ChYeSTNOST' 151
5448 kHz, 27-07,1110 UTC	8S1Shch 40483 BIMSOHAN 1329 9751
5448 kHz, 27-07,1114 UTC	9GSA ZhBZU 4RVZ 3VS' DKJ1 ZhD9V 42BV 81BR M7KS PMV5
5448 kHz, 30-07, 0758 UTC	8S1Shch SBYTOSYeV 112
5448 kHz, 30-07, 0816 UTC	8S1Shch BYTOSTIH 6759
5448 kHz, 30-07, 0844 UTC	8S1Shch YaLOHOR 109
5448 kHz, 30-07, 0852 UTC	8S1Shch ChYeSTNOST' 151
5448 kHz, 30-07, 0853 UTC	8S1Shch ShchITONARY 160 Shit on Ary?? That's not nice ☺
5448 kHz, 30-07, 0927 UTC	8S1Shch 09747 MYeTRANPAZh 7569 3854 MODULYaCIYa 8979 9251 NACYeLIVAN'Ye 7018 0057 MAISOLAOS 9182 3531
5448 kHz, 30-07, 0949 UTC	8S1Shch 93272 BUYaNOSKIF 3119 9374
5448 kHz, 30-07, 0958 UTC	8S1Shch 89680 KOTOTOST 9289 1895 MOHOHOD 6407 0926
5448 kHz, 30-07, 1115 UTC	8S1Shch 97802 MYL'NICA 7230 4328 GANGOTUNG 7522 2550
5448 kHz, 30-07, 1306 UTC	8S1Shch ZYKOLAD 0556 no follow on message from rest of network

Recordings:
http://priyom.org/media/247749/s30-5448usb-20200708-1203z-msg-bygwraspe.ogg
http://priyom.org/media/247752/s30-5448usb-20200708-1204z-msg-bygwraspe.ogg
http://priyom.org/media/248653/s30-5448usb-20200724-1406z-msg-newform-bygwraspe.ogg
www.priyom.org/media/248731/s30-5448usb-20200727-1013z-msg-newform-bygwraspe.ogg

S32 Squeaky Wheel – Southern District

5473 kHz, 08-07, 1209 UTC Al'fa-45 01431 OVACIYa 2552 3213
5473 kHz, 08-07, 1216 UTC Al'fa-45 33019 INDIJ 1478 9874
5473 kHz, 08-07, 1217 UTC Al'fa-45 77595 GRIBOChAD 3015 7887
5473 kHz, 27-07, 1020 UTC Al'fa-45 85017 DYeKOLYeTR 3713 8699
5473 kHz, 27-07, 1115 UTC Al'fa-45 61479 DAROZhOM 0541 3905
5473 kHz, 28-07, 1230 UTC Al'fa-45 52835 KVASOSKIT 8168 2189
5473 kHz, 30-07, 0738 UTC Dubler-68 Stazher-29 Karta-11 Sliva-94 Dzhigit-46 Fakyel-36 Burka-37 Kurgan-40
5473 kHz, 30-07, 1124 UTC Al'fa-45 66098 MULAT 9117 5566
5473 kHz, 30-07, 1225 UTC Al'fa-45 43193 DRAPOVATT 2400 6663
5473 kHz, 30-07, 1325 UTC follow on message to pip message Al'fa-45 07709 ZhUIROBOKS 1811 4298
5473 kHz, 30-07, 1410 UTC Penza-07 Leggina-38 Firna-85 Pesochnyj-21 Stupa-32 Alyeut-09 Storozh-62 Nevka-26

Vega / N'ZhJ - Southern District

5372 kHz, 27-07, 0938 UTC N'ZhJ YaLOHOR 109
5372 kHz, 27-07, 1034 UTC N'ZhJ ChYeSTNOST' 151
5372 kHz, 27-07, 1036 UTC N'ZhJ 21048 ZUDOLOB 5115 6353
5372 kHz, 27-07, 1129 UTC N'ZhJ 15270 KLIKOSVIShch 3824 3796
5372 kHz, 30-07, 1144 UTC N'ZhJ 18259 ALOEh 3587 5579
5372 kHz, 30-07, 1246 UTC N'ZhJ 02296 NYeRVOMART 5371 3449
5372 kHz, 30-07, 1341 UTC N'ZhJ ZYKOLAD 0556
5372 kHz, 30-07, 1343 UTC N'ZhJ 09072 YeZhYeGOLOVNIK 4031 5166
5372 kHz, 30-07, 1425 UTC N'ZhJ SBYTOSYeV 212 YaLOHOR 209 ChYeSTNOST' 251 ShchITONARY 260

Recording: www.priyom.org/media/248726/vega33-5372usb-20200727-0938z-msg-newformat-bygwraspe.ogg

Russian military voice transmissions

RMv – Russian Military

5045 kHz, 15-07, 1416 UTC
Tsaplya, Tsaplya, Ya Znamya. Primate radiogrammu. SIGNAL 0984. 16 chasov 15 minut. Konec svyazi

5045 kHz, 22-07, 1415 UTC Recording
Tsaplya, Tsaplya, Ya Znamya. Primate radiogrammu. SIGNAL 2875. 16 chasov 15 minut. Konec svyazi

5045 kHz, 23-07, 1415 UTC Recording
Tsaplya, Tsaplya, Ya Znamya. Primate radiogrammu. SIGNAL 1844. 16 chasov 15 minut. Konec svyazi

5045 kHz, 24-07, 1414 UTC Recording
12345678910 12345678910
Tsaplya, Tsaplya, Ya Znamya. Primate radiogrammu. SIGNAL 2947. 16 chasov 15 minut. Konec svyazi

5045 kHz, 27-07, 1415 UTC Recoding
Tsaplya, Tsaplya, Ya Znamya. Primate radiogrammu. SIGNAL 3354. 16 chasov 15 minut. Konec svyazi

5045 kHz, 28-07, 1415 UTC Recording
Tsaplya, Tsaplya, Ya Znamya. Primate radiogrammu. SIGNAL 5543. 16 chasov 15 minut. Konec svyazi

5045 kHz, 29-07, 1413 UTC
12345678910 12345678910
Tsaplya, Tsaplya, Ya Znamya. Primate radiogrammu. SIGNAL 1244. 16 chasov 15 minut. Konec svyazi

5045 kHz, 30-07, 1415 UTC
Tsaplya, Tsaplya, Ya Znamya. Primate radiogrammu. SIGNAL 2167. 16 chasov 15 minut. Konec svyazi

RNv – Russian Navy

5260 kHz, 27-07, 1230 UTC. Gvozdika (navy Sevastopol)
https://priyom.org/media/248786/gvozdika-5260usb-20200727-1230z-sevastopol-navy-bygwraspe.ogg

Russian military morse transmissions

M32 - Russian / CIS Military CW Stations

13964 kHz, 04-07,0 0817 UTC, CW
537 19 4 1112 537 = 183 =
12622 40864 72244 13T08 41280 72659 10316 38558 69937 10732 38973 76629 23699 55079 83321 24115 55495 04017 K
2XBM 2XBM 2XBM
043 20 4 1123 043 = 385 =
DDDDD BGFÖG AMUUE WTHJO VKCZE JTHJO VKCZE JTHJO VKCZE DWIOE VNVSS BONIO SIFQA AOCFD HMPVL EÖIAE RTLJJ CLGVK PRPÄI K
RK
KXTO DE JBZ2 K
RK
RK
RK
RPT K
KBEA K
RPT K
KBEA K
KBEA QSG2 K
KBEA R 834 147 K
2XBM 2XBM 2XBM QTC AR
2XBM 2XBM 2XBM
065 22 4 1155 065 = 385 =
11111 17617 77238 36861 96482 56104 15726 75348 34970 91453 54214 16974 73457 33079 92701 49185 11945 71567 28051 87672 04020 K
RK

6963 kHz, 08-07, 1723 UTC
DHOK 156 37 8 2010 156 = 050 =
06520 74633 55413 33749 83109 43155 16747 77878 28941 08115
33248 32142 87902 61803 85728 87286 00109 39076 20585 76619
36050 10558 95717 90376 16377 18998 05944 79430 71246 83111
59764 96683 64464 87920 08044 464 K

M32a - Russian Navy

6461.5 kHz, 04-07, 1732 UTC,
REO REO REO DE RMP RMP QTC 868 32 4 1039 868 =
11111 88918 11490 62916 39361 09900 35556 38529 34608 26095
89323 51541 78870 62212 96461 09264 53101 08689 65581 32992
66866 23397 07509 79544 20050 96806 87174 34662 99262 73979
22712 04031 =

REO REO REO DE RMP RMP QTC 868 32 4 1039 868 =
11111 88918 11490 62916 39361 09900 30956 38529 34608 26095
89323 51541 78870 62212 96461 09264 53101 08689 65581 32992
66866 23397 07509 79544 20050 96806 87174 34662 99262 73979
22712 04031 AR

6494.5 kHz, 04-07, 0543 UTC. RMX62 wkg RMP. QSX 6461.5 kHz
QTC SML 657 18 4 0838 657 = SML FOR RJH45 RJD38 RIF4 =
04001 99601 10270 42698 52304 10147 40097 52002 70311 85330 22200 00160 20301 04013 =
AR RMX62 K

Location: https://goo.gl/maps/G7AuPfru5qUUwzki8



8345 kHz, 04-07, 0602 UTC. RMKW wkg RCV. QSX 7566 kHz
QTC SML 344 12 4 0900 344 = SML FOR RJH45 RJE73 = 04061 99345 10257 44997 02302 10263 40082 35204 81000 80000 22264 00245 20042 027// 40301 0406/ 88000 14018 = AR RMKW K
Location: https://goo.gl/maps/p3yYWyCx57EGjrmLA Z (right)



6423.5 kHz, 07-07, 0551 UTC. RBC89 wkg RJD99
QTC SML FOR RJD99 221 4 7 084 221 = FOR RJD99 = 02020 01834 07002 = AR RBC89 K

6423.5 kHz, 07-07, 0635 UTC. RBC89 wkg RJD99
QTC SML 749 6 7 0932 749 = FOR RJD99 = 02020 01566 66545 43272 07004 = AR RBC89 K

8137 kHz, 18-07, 0613 UTC. RJP92 wkg RIT
QTC SML 235 16 18 09003 235 = FOR RJH74 RJH45 = 18061 99707 10369 41698 61406 10101 40117 57002 70310 82106 22222 00088 20201 18013 = AR RJP92 K

8137 kHz, 18-07, 0618 UTC. RJI92 wkg RIT
QTC SML 406 17 18 0901 406 = FOR RJH74 RJH45 = 18061 99692 10352 41498 41603 10190 40110 54000 70211 85421 22200 00090 299// 399// 18014 = AR RJI92 K

4576.5 kHz, 24-07, 0511 UTC. RBC89 wkg RJD99
QTC SML 834 17 24 08 02 834 = FOR RJD90 RJH74 = 24031 99664 10347 41498 61005 10160 40050 57010 70312 86311 22272 00140 20101 88000 24014 = AR RBC89 K
Location https://goo.gl/maps/wUdVvEm21nHKBNsr7 (right)



8345 kHz, 25-07, 0604 UTC. RMKW wkg RIW. QSX 9145 kHz
QTC SML 187 21 25 0900 187 = SML FOR RJH45 RJE73 RJD38 = 25061 99557 10062 44599 71606 10158 40068 58007 70321 87230 22293 00157 20301 2506/ 88000 80000 25016 = AR RMKW K
Location https://goo.gl/maps/NHFwcEQmaEji9aYu8 (right)



8137 kHz, 25-07, 0614 UTC. RJI92 wkg RIT. QSX 6292 kHz
QTC SML 711 17 25 0901 711 = FOR RJH74 RJH45 = 25061 99694 10353 41498 42104 10150 40120 52030 70111 84221 22200 00100 299// 399// 25014 = AR RJI92 K
Location https://goo.gl/maps/uGUCwZuuo6wgK69A9

14411 kHz, 06-07, 1732 UTC, T600

Sync 1414BEBE952

Session Key 68 52 2A 38 70 62 31 4C 58 07 26 23 46 52 19 58 07 70 23 58 68 58 07 32 0D 1D

46 16 62 15 38 64 1A 34 52 2A 46 26 70 34 4C 0B
4C 16 19 25 25 1C 58 0D 23 34 31 68 70 16 13 23
1C 31 4C 46 58 31 32 0E 58 46 0E 2A 0E 31 0D 15
34 26 52 0E 13 15 52 16 43 52 64 43 58 1A 2A 32
38 34 34 34 15 16 68 1A 61 62 62 19 16 58 1A 62
62 16 23 64 0B 51 70 51 19 0E 38 0D 54 15 62 58
32 15 51 51 23 58 07 31 61 70 34 0E 68 19 26 26
4A 51 4A 38 2A 54 31 4A 26 62 15 61 38 1C 68 64
13 34 61 32 34 34 16 16 34 0E 0B 61 1A 2A 0D 16
4A 32 32 25 46 46 15 51 38 15 4C 54 61 13 61 0D
61 0B 2A 23 4A 1C 38 2A 32 61 23 0D 4A 64 4A 25
1A 1C 0B 1C 2A 0B 23 62 16 32 16 25 38 51 0B 34
61 51 34 32 70 4A 38 2A 62 26 23 13 70 68 13 16
0D 15 32 31 16 2A 62 34 0B 4A 68 1A 32 46 15 52
4C 51 15 38 19 4C 19 54 0B 70 46 61 2C 23 1C 46
34 26 52

<EOM><EOM><EOM>

14411 kHz, 06-07, 1735 UTC, T600

Sync 1414BEBE952

Session Key 26 19 64 46 07 52 1C 54 54 34 34 61 32 16 43 07 07 2C 31 4A 0E 0D 2A 2C 61

0E 1C

<EOM><EOM><EOM>

14411 kHz, 06-07, 1732 UTC, T600

Sync 1414BEBE952

Session Key 52 13 38 64 15 32 2C 61 4C 62 2C 51 43 51 52 26 0D 4C 0E 1C 64 34 32 23 1A

2A 70 58 13 1A 1A 54 68 23 52 0B 19 2C 68 38 34
2C 2A 51 26 46 46 2A 23 64 16 26 4C 68 52 31 07
0E 51 38 51 52 25 64 52 07 16 2A 38 07 68 0D 19
70 25 34 46 16 0B 70 23 2C 15 61 4C 15 62 70 4A
62 2C 52 0E 16 1C 25 23 31 15 4C 61 68 64 25 26
62 61 25 64 1C 54 2C 54 61 38 31 2A 46 15 70 68
15 07 38 51 2C 07 46 0E 43 46 34 70 23 1C 4C 07
19 51 07 68 43 62 58 58 46 43 70 0E 46 15 13 46
25 43 15 58 19 23 38 2C 62 26 43 07 19 52 43 58
31 34 70 23 64 13 43 34 0B 31 34 1C 38 54 1C 0D
54 68 25 54 4A 2C 54 4C 32 62 0B 38 19 32 70 07
15 51 4C 15 13 25 52 0B 15 16 25 62 16 62 15 34
2C 31 43 70 38 34 0B 58 58 61 19 61 4A 4C 4C 25
16 62 25 2A 31 1A 43 4C 32 16 1A 1C 38 34 64 32
54 0D 2A 43 26 23 46 32 31 0E 19 58 58 23 0B 15
61 46 19 2A 1C 43 51 13 32 15 1C 19 51 58 64 0E
15 2A 13 42 52 1A 5B 46 1C 23 32 68 64 52 7A 6C
54 41 15 4C 0F 58 16 0B 60 02 05 08 18 22 60 33
06 48 69 4C 09 12 61 0F 0B 37 0D 62 70 31 0C 68
10 6E 38 42 05 06 0B 07 19 70 08 07 16 4C 55 44
20 62 52 68 64 1C 61 0B 07 13 14 0F 13 13 4A 23
31 0B 32 62 2D 1C 1F 0E 31 61 38 07 19 62 38 70
1A 25 54 52 07 4A 38 58 68 4A 58 1C 1A 07 51 0D
64 2A 2A 0E 52 34 38 23 4C 0D 2C 1A 23 61 1C 68
51 4A 54 38 2C 38 52 68 68 62 1C 32 16 25 46 1A
13 2A 68 51 51 16 23 1C 46 2A 70 23 1A 54 2A 26
62 25 2A 15 68 0B 26 52 23 54 26 4A 4C 51 34 34
52 26 1A 51 38 52 1A 15 52 68 07 31 38 52 0E 13
0B 1A 58 68 26 70 16 13 61 70 2A 19 34 62 70 1C
43 46 51 31 34 62 54 2A 4C 4C 23 4A 61 62 23 1C
2C 32 1C 19 1A 32 64 32 16 0D 23 64 07 31 4C 2A
15 16 32 23 52 34 46 61 61 70 0B 52 0B 31 0B 68
61 58 0E 25 61 2A 19 2C 68 19 51 1C 51 61 58 19
62 0D 26 34 15 07 34 52 52 0B 52 16 4C 34 31 38
0B 58 19 38 4A 70 58 68 07 38 51 4C 23 64 68 61
34 52 52 31 07 32 1A 68 34 1A 58 52 19 23 2C 68
16 43 15 61 62 26 0D 38 0D 15 68 1A 2A 52 26 16
52 58 0B 64 2C 70 15 23 68 62 0B 0E 46 2C 4A 2C
4C 1A 38 32 26 64 62 52 61 07 54 07 43 46 46 32
54 32 1A 51 0D 32 07 1A 4C 38 26 19 58 1A 51 1C
32 19 1C 32 52 46 4C 54 16 07 26 1A 64 34 43 23
68 19 23 07 31 38 70 1C 07 25 2A 62 54 64 15 1C
68 1C 54 16 0E 4C 26 62 2C 0D 68 19 15 64 52 16
1C 15 16 13 43 62 26 15 31 31 38 1C 52 25 1A 62
23 2C 19 0B 2C 54 0B 23 31 32 15 23 54 32 34 46
26 43 19 68 70 25 58 0D 0E 68 07 2A 64 31 58 58
23 34 26 16 4A 46 0E 43 43 68 19 68 4C 1C 62 23
19 2A 61 2C 34 15 54 43 4A 25 0B 64 0D 2A 51 4A
46 58 34 31 52 31 4C 16 0B 13 58 26 26 07 54 46
1C 52 62 61 46 70 0E 23 1C 58 4A 0B 0B 0E 15 46
68 38 70 38 4A 0E 68 1C 51 19 0B 52 0B 51 54 46
26 0B 64 38 26 68 4A 38 38 70 70 0B 61 70 43 46
07 54 15 64 68 23 0E 4C 0B 52 34 1C 54 0D 34 0B
4A 16 13 16 0B 0E 51 0D 26 2A 64 07 19 15 0E 2A
15 13 52 52 4C 13 19 58 16 68 15 15 68 4A 58 68
54 32 34 2C 0E 46 34 1C 0D 32 4A 16 25 43 58 4C
15 0D 70 62 19 34 26 43 61 1A 62 16 1C 4A 07 0D
38 0E 1C 64 2C 2C 4A 34 62 58 68 38 64 0B 4A 26
43 62 58 64 25 25 19 52 43 13 0E 0B 32 19 07 64
61 1C 38 0D 52 43 34 0E 68 4C 0D 2A 2A 0E 54 68
26 62 0D 52 0E 16 13 1A 25 58 38 15 0E 23 61 19
61 54 0B 4C 2A 16 31 52 23 34 38 52 1A 1C 54 0D
68 15 46 31 61 0D 43 19 51 43 23 54 31 58 32 64
46 43 19 31 38 61 58 2C 34 16 1C 13 26 52 07 34
0E 25 52 07 24 16 68 1A 26 13 16 61 68 38 2C 26
1C 70 13 61 61 0D 23 32 52 16 34 68 58 2A 64 43
13 51 1A 64 23 23 25 31 0B 13 43 62 26 58 32 13
46 31 52 64 07 62 4C 15 26 43 16 68 62 1C 13 38
38 43 51 2A 1A 4C 70 4A 34 25 64 16 0D 1C 1A 2A

<EOM><EOM><EOM>

LOGS SECTION

Code	Freq	Date	UTC	Day	Details	Mode	Contributor
	5045	27-7	1415	Mon	Tsaplya, Tsaplya, Ya Znamya. Primate radiogrammu. SIGNAL 3354. 16 chasov 15 minut. Konec svyazi	USB	(Gwr)
---	4735	13-7	0700	Mon	VVV VVV VVV PROMRÖ = 13 07 = 1000 0510 0310 0670 1110 = ABV VVV VVV VVV PROMRÖ = 14 07 = repeat message AR	CW	(F5JBR-ROU)
---	4735	14-7	0700	Tue	VVV VVV VVV PROMRÖ = 14 07 = 1000 0510 0310 0670 1110 = ABV VVV VVV VVV PROMRÖ = 14 07 = repeat message AR	CW	(F5JBR-ROU)
---	4735	15-7	0700	Wed	VVV VVV VVV PROMRÖ = 15 07 = 1000 0510 0310 0680 1110 = ABV VVV VVV VVV PROMRÖ = 15 07 = repeat message AR	CW	(F5JBR-ROU)
---	5045	15-7	1416	Wed	Tsaplya, Tsaplya, Ya Znamya. Primate radiogrammu. SIGNAL 0984. 16 chasov 15 minut. Konec svyazi	USB	(Gwr)
---	4735	17-7	0700	Fri	VVV VVV PROMRÖ = 17 07 = 1000 0500 0310 0660 1110	CW	(F5JBR-ROU)
---	5045	22-7	1415	Wed	Tsaplya, Tsaplya, Ya Znamya. Primate radiogrammu. SIGNAL 2875. 16 chasov 15 minut. Konec svyazi	USB	(Gwr)
---	5045	23-7	1415	Thu	Tsaplya, Tsaplya, Ya Znamya. Primate radiogrammu. SIGNAL 1844. 16 chasov 15 minut. Konec svyazi	USB	(Gwr)
---	4770	23-7	1425	Thu	Russian military. Alarm marker	USB	(AB)
---	4182	23-7	1425	Thu	Russian military. Dash marker	USB	(AB)
---	3510	23-7	1425	Thu	Russian military. Air Horn marker	USB	(AB)
---	4310	23-7	1425	Thu	Russian military. Goose marker	USB	(AB)
---	5292	23-7	1425	Thu	Russian military. Marker. Sends N instead of D	USB	(AB)
---	5045	24-7	1414	Fri	12345678910 12345678910 Tsaplya, Tsaplya, Ya Znamya. Primate radiogrammu. SIGNAL 2947. 16 chasov 15 minut. Konec svyazi	USB	(AB-POL/Gwr)
---	4735	26-7	0700	Sun	VVVVV PROMRÖ = 2607 = 1000 0490 0310 0660 1100 1200 0510 0330 0690 1150 ... 0800 0280 0590 0970 = ABV (No repeat)	CW	(AB-ROU)
---	4735	27-7	0700	Mon	VVVVV PROMRÖ = 27 07 = 1000 0490 0310 0660 1100 1200 0510 0330 0690 1150 ... = VVVVV PROMRÖ = 27 07 = 1000 0490 0310 0660 1100 ... = AR	CW	(AB-ROU)
---	5372	27-7	0938	Mon	N'ZhJ YaLOHOR 109	USB	(Gwr)
---	5372	27-7	1034	Mon	N'ZhJ ChYeSTNOST' 151	USB	(Gwr)
---	5372	27-7	1036	Mon	N'ZhJ 21048 ZUDOLOB 5115 6353	USB	(Gwr)
---	5372	27-7	1129	Mon	N'ZhJ 15270 KLIKOSVIShch 3824 3796	USB	(Gwr)
---	5045	28-7	1415	Tue	Tsaplya, Tsaplya, Ya Znamya. Primate radiogrammu. SIGNAL 5543. 16 chasov 15 minut. Konec svyazi	USB	(Gwr)
---	5045	29-7	1413	Wed	12345678910 12345678910 Tsaplya, Tsaplya, Ya Znamya. Primate radiogrammu. SIGNAL 1244. 16 chasov 15 minut. Konec svyazi	USB	(AB-POL/Gwr)
---	4735	30-7	0700	Thu	VVVVV PROMRÖ = 30 07 = 1000 0490 0300 0660 ... 0800 0450 0270 0590 0960 = AR	CW	(AB)

---	5372	30-7	1144	Thu	N'ZhJ 18259 ALOEh 3587 5579	USB	(Gwr)
---	5372	30-7	1246	Thu	N'ZhJ 02296 NYeRVOMART 5371 3449	USB	(Gwr)
---	5372	30-7	1341	Thu	N'ZhJ ZYKOLAD 0556	USB	(Gwr)
---	5372	30-7	1343	Thu	N'ZhJ 09072 YeZhYeGOLOVNIK 4031 5166	USB	(Gwr)
---	5372	30-7	1425	Thu	N'ZhJ SBYTOSYeV 212 YaLOHOR 209 ChYeSTNOST' 251 ShchITONARY 260	USB	(Gwr)
---	4735	31-7	0700	Fri	VVVVV PROMRÖ = 31 07 = 1000 0490 0300 0660 ... 0800 0450 0270 0590 0960 = AR	CW	(AB)
---	5045	30-7	1415	Thu	Tsaplya, Tsaplya, Ya Znamya. Primate radiogrammu. SIGNAL 2167. 16 chasov 15 minut. Konec svyazi	USB	(Gwr)
DPRK	12203	7-7	1204	Tue	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	14415	7-7	1204	Tue	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	13412	10-7	1233	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	14416	17-7	1429	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
E06	13825	2-7	0500	Thu	679 234 51 57715 12091 72596 ... 30896 35767 48965 234 51 00000 restart after the 5th group	USB	(AB)
E06	15615	2-7	0600	Thu	679 234 51 57715 12091 72596 ... 30896 35767 48965 234 51 00000	USB	(AB)
E06	13825	3-7	0500	Fri	679 234 51 57715 12091 72596 ... 30896 35767 48965 234 51 00000	USB	(AB/MPJ)
E06	15615	3-7	0600	Fri	679 234 51 57715 12091 72596 ... 30896 35767 48965 234 51 00000	USB	(AB/MPJ)
E06	5731	3-7	2130	Fri	315 547 44 31532 37905 68553 ... 78203 80329 38780 547 44 00000 315	USB	(AB)
E06	14835	10-7	0300	Fri	361 458 30 41907 …	USB	(HFD)
E06	13825	16-7	0500	Thu	679 408 51 27807 19350 47703 ... 41311 55022 12505 408 51 00000	USB	(AB-RUS)
E06	15615	16-7	0600	Thu	679 408 51 27807 19350 47703 ... 41311 55022 12505 408 51 00000	USB	(AB-RUS)
E06	5937	16-7	2030	Thu	724 268 44 56897 25468 25658 ... 01201 25361 86974 268 44 00000	USB	(AB)
E06	13825	17-7	0500	Fri	679 408 51 27807 19350 47703 ... 41311 55022 12505 408 51 00000	USB	(AB-RUS)
E06	15615	17-7	0600	Fri	679 408 51 27807 19350 47703 ... 41311 55022 12505 408 51 00000	USB	(AB-RUS)
E06	5735	17-7	2130	Fri	315 268 44 56897 25468 25658 ... 01201 25361 86974 268 44 00000	USB	(AB)
E06	13813	20-7	0315	Mon	ip should be on 13138	USB	(HFD)
E07	12223	1-7	1700	Wed	201 201 201 1 8026 257 8026 257 94788 60809 26385 ... 07024 55386 07610 000 000	USB	(AB)
E07	12223	1-7	1700	Wed	201 1 8026 257 …	USB	(HFD)
E07	11023	1-7	1730	Wed	201 201 201 1 8026 257 8026 257 94788 60809 26385 ... 07024 55386 07610 000 000	USB	(AB/HFD)
E07	10123	1-7	1806	Wed	201 201 201 1 8026 257 8026 257 94788 60809 26385 ... 07024 55386 07610 000 000	USB	(AB/HFD)
E07	16263	1-7	1900	Wed	273 273 273 000	USB	(AB/RL/HFD)
E07	14763	1-7	1920	Wed	273 273 273 000	USB	(AB/RL/HFD)
E07	13562	2-7	1410	Thu	441 441 441 1 196 65 196 65 73898 13245 49768 ... 37560 61355 81042 000 000	USB	(AB/MPJ)
E07	14862	2-7	1430	Thu	441 441 441 1 196 65 196 65 73898 13245 49768 ... 37560 61355 81042 000 000	USB	(AB/MPJ)
E07	16162	2-7	1450	Thu	441 441 441 1 196 65 196 65 73898 13245 49768 ... 37560 61355 81042 000 000	USB	(AB/MPJ)
E07	15962	3-7	0700	Fri	945 945 945 1 310 82 310 82 42059 40432 69789 ... 46293 35999 25220 95603 000 000	USB	(AB/HFD)
E07	17462	3-7	0720	Fri	945 945 945 1 310 82 310 82 42059 40432 69789 ... 46293 35999 25220 95603 000 000	USB	(AB/HFD)
E07	18542	3-7	0740	Fri	945 945 945 1 310 82 310 82 42059 40432 69789 ... 46293 35999 25220 95603 000 000	USB	(AB/HFD)
E07	19252	3-7	1100	Fri	242 242 242 000	USB	(AB/HFD-RUS)

E07	17452	3-7	1120	Fri	242 242 242 000	USB	(AB/MPJ/HGD-RUS)
E07	12176	4-7	1300	Sat	152 152 152 000	USB	(AB)
E07	11576	4-7	1320	Sat	152 152 152 000	USB	(AB)
E07	13562	4-7	1410	Sat	441 441 441 1 196 65 196 65 73898 13245 49768 ... 37560 61355 81042 000 000	USB	(AB/MPJ/HFD)
E07	14862	4-7	1430	Sat	441 441 441 1 196 65 196 65 73898 13245 49768 ... 37560 61355 81042 000 000	USB	(AB/MP/HFDJ)
E07	16162	4-7	1450	Sat	441 441 441 1 196 65 196 65 73898 13245 49768 ... 37560 61355 81042 000 000	USB	(AB/MPJ/HFD)
E07	10317	5-7	0600	Sun	312 312 312 000	USB	(AB/F5JBR)
E07	11117	5-7	0620	Sun	312 312 312 000	USB	(AB)
E07	12223	5-7	1700	Sun	201 201 201 1 8026 257 8026 257 94788 60809 26385 ... 07024 55386 07610 000 000	USB	(AB)
E07	11023	5-7	1730	Sun	201 201 201 1 8026 257 8026 257 94788 60809 26385 ... 07024 55386 07610 000 000	USB	(AB)
E07	10123	5-7	1806	Sun	201 201 201 1 8026 257 8026 257 94788 60809 26385 ... 07024 55386 07610 000 000	USB	(AB)
E07	16263	6-7	1900	Mon	273 273 273 1 125 151 125 151 13011 29968 40511 ... 61015 37645 11697 000 000 Stopped and restarted after group 106	USB	(AB)
E07	14763	6-7	1925	Mon	273 273 273 1 125 151 125 151 13011 29968 40511 ... 61015 37645 11697 000 000	USB	(AB/RL)
E07	13363	6-7	1947	Mon	273 273 273 1 125 151 125 151 13011 29968 40511 ... 61015 37645 11697 000 000	USB	(AB/RL)
E07	15962	7-7	0700	Tue	945 945 945 000	USB	(AB)
E07	17462	7-7	0720	Tue	945 945 945 000	USB	(AB)
E07	19252	7-7	1100	Tue	242 242 242 1 2358 34 2358 34 54301 08157 33407 ... 10771 62824 24334 000 000	USB	(AB-RUS/HFD-RUS)
E07	17452	7-7	1120	Tue	242 242 242 1 2358 34 2358 34 54301 08157 33407 ... 10771 62824 24334 000 000	USB	(AB-RUS/HFD-RUS)
E07	16252	7-7	1140	Tue	242 242 242 1 2358 34 2358 34 54301 08157 33407 ... 10771 62824 24334 000 000	USB	(AB-KWT/HFD-RUS)
E07	12223	8-7	1700	Wed	201 201 201 1 1564 159 1564 159 74679 10835 19144 ... 18914 26893 11836 000 000	USB	(AB)
E07	11023	8-7	1720	Wed	201 201 201 1 1564 159 1564 159 74679 10835 19144 ... 18914 26893 11836 000 000	USB	(AB/Dan)
E07	10123	8-7	1740	Wed	201 201 201 1 1564 159 1564 159 74679 10835 19144 ... 18914 26893 11836 000 000	USB	(AB)
E07	16263	8-7	1900	Wed	273 273 273 1 125 151 125 151 13011 29968 40511 ... 61015 37645 11697 000 000	USB	(AB/RL)
E07	14763	8-7	1920	Wed	273 273 273 1 125 151 125 151 13011 29968 40511 ... 61015 37645 11697 000 000	USB	(AB/W9SPY/RL)
E07	13363	8-7	1940	Wed	273 273 273 1 125 151 125 151 13011 29968 40511 ... 61015 37645 11697 000 000	USB	(AB/RL)
E07	13562	9-7	1410	Thu	441 441 441 000	USB	(AB/MPJ)
E07	14862	9-7	1430	Thu	441 441 441 000	USB	(AB/MPJ)
E07	15962	10-7	0700	Fri	945 945 945 000	USB	(AB)
E07	17462	10-7	0720	Fri	945 945 945 000	USB	(AB)
E07	19252	10-7	1100	Fri	242 242 242 1 2358 34 2358 34 54301 08157 33407 ... 10771 62824 24334 000 000	USB	(AB/MPJ)
E07	17452	10-7	1120	Fri	242 242 242 1 2358 34 2358 34 54301 08157 33407 ... 10771 62824 24334 000 000	USB	(AB/MPJ)
E07	16252	10-7	1140	Fri	242 242 242 1 2358 34 2358 34 54301 08157 33407 ... 10771 62824 24334 000 000	USB	(AB/MPJ)
E07	12176	11-7	1300	Sat	152 152 152 000	USB	(AB/MPJ/HFD)
E07	11576	11-7	1320	Sat	152 152 152 000	USB	(AB/MPJ/HFD)
E07	13562	11-7	1410	Sat	441 441 441 000	USB	(AB/MPJ)

E07	14862	11-7	1430	Sat	441 441 441 000	USB	(AB/RL-HOL/MPJ)
E07	10317	12-7	0600	Sun	312 312 312 000	USB	(AB)
E07	11117	12-7	0620	Sun	312 312 312 000	USB	(AB)
E07	12223	12-7	1700	Sun	201 201 201 1 1564 159 1564 159 74679 10835 19144 ... 18914 26893 11836 000 000	USB	(AB/MPJ/RL-G)
E07	11023	12-7	1720	Sun	201 201 201 1 1564 159 1564 159 74679 10835 19144 ... 18914 26893 11836 000 000	USB	(AB/MPJ/RL-G)
E07	10123	12-7	1740	Sun	201 201 201 1 1564 159 1564 159 74679 10835 19144 ... 18914 26893 11836 000 000	USB	(AB/MPJ/RL-G)
E07	16263	13-7	1900	Mon	273 273 273 000	USB	(AB/RL)
E07	14763	13-7	1920	Mon	273 273 273 000	USB	(AB/RL)
E07	15962	14-7	0700	Tue	945 945 945 1 1085 98 1085 98 02396 27858 30653 ... 06197 10245 13950 000 000	USB	(AB)
E07	17462	14-7	0720	Tue	945 945 945 1 1085 98 1085 98 02396 27858 30653 ... 06197 10245 13950 000 000	USB	(AB)
E07	18542	14-7	0740	Tue	945 945 945 1 1085 98 1085 98 02396 27858 30653 ... 06197 10245 13950 000 000	USB	(AB)
E07	19252	14-7	1100	Tue	242 242 242 1 2358 34 2358 34 54301 08157 33407 ... 10771 62824 24334 000 000	USB	(AB/MPJ)
E07	17452	14-7	1120	Tue	242 242 242 1 2358 34 2358 34 54301 08157 33407 ... 10771 62824 24334 000 000	USB	(AB/MPJ)
E07	16252	14-7	1140	Tue	242 242 242 1 2358 34 2358 34 54301 08157 33407 ... 10771 62824 24334 000 000	USB	(AB-KWT/MPJ)
E07	12223	15-7	1700	Wed	201 201 201 000	USB	(AB)
E07	11023	15-7	1720	Wed	201 201 201 000	USB	(AB)
E07	16263	15-7	1900	Wed	273 273 273 000	USB	(AB/RL/Dan)
E07	14763	15-7	1920	Wed	273 273 273 000	USB	(AB/RL)
E07	13562	16-7	1410	Thu	441 441 441 000	USB	(AB/MPJ)
E07	14862	16-7	1430	Thu	441 441 441 000	USB	(AB/MPJ/RL-D)
E07	15962	17-7	0700	Fri	945 945 945 1 1085 98 1085 98 02396 27858 30653 ... 06197 10245 13950 000 000	USB	(AB)
E07	17462	17-7	0720	Fri	945 945 945 1 1085 98 1085 98 02396 27858 30653 ... 06197 10245 13950 000 000	USB	(AB)
E07	18542	17-7	0740	Fri	945 945 945 1 1085 98 1085 98 02396 27858 30653 ... 06197 10245 13950 000 000	USB	(AB)
E07	19252	17-7	1100	Fri	242 242 242 1 2358 34 2358 34 54301 08157 33407 ... 10771 62824 24334 000 000	USB	(AB)
E07	17452	17-7	1120	Fri	242 242 242 1 2358 34 2358 34 54301 08157 33407 ... 10771 62824 24334 000 000	USB	(AB)
E07	16252	17-7	1140	Fri	242 242 242 1 2358 34 2358 34 54301 08157 33407 ... 10771 62824 24334 000 000	USB	(AB)
E07	12176	18-7	1300	Sat	152 152 152 000	USB	(AB/MPJ)
E07	11576	18-7	1320	Sat	152 152 152 000	USB	(AB/MPJ)
E07	13562	18-7	1410	Sat	441 441 441 000	USB	(AB/MPJ)
E07	14862	18-7	1430	Sat	441 441 441 000	USB	(AB/MPJ/RL-D)
E07	10317	19-7	0600	Sun	312 312 312 000	USB	(AB/HFD)
E07	11117	19-7	0620	Sun	312 312 312 000	USB	(AB/HFD)
E07	12223	19-7	1700	Sun	210 210 210 000	USB	(AB)
E07	11023	19-7	1720	Sun	210 210 210 000	USB	(AB/GHn)
E07	16263	20-7	1900	Mon	273 273 273 1 893 99 893 99 25295 16342 06132 ... 91771 66444 37542 0000 000	USB	(AB/MPJ)
E07	14763	20-7	1920	Mon	273 273 273 1 893 99 893 99 25295 16342 06132 ... 91771 66444 37542 0000 000	USB	(AB/MPJ)
E07	13363	20-7	1940	Mon	273 273 273 1 893 99 893 99 25295 16342 06132 ... 91771 66444 37542 0000 000	USB	(AB/MPJ)
E07	15962	21-7	0700	Tue	945 945 945 000	USB	(AB)
E07	17462	21-7	0720	Tue	945 945 945 000	USB	(AB)
E07	19252	21-7	1100	Tue	242 242 242 000	USB	(AB)

E07	17452	21-7	1120	Tue	242 242 242 000	USB	(AB)
E07	12223	22-7	1700	Wed	201 201 201 000	USB	(AB)
E07	11023	22-7	1720	Wed	201 201 201 000	USB	(AB)
E07	16263	22-7	1900	Wed	273 273 273 1 893 99 893 99 25295 16342 06132 ... 91771 66444 37542 0000 000	USB	(AB/RL)
E07	14763	22-7	1920	Wed	273 273 273 1 893 99 893 99 25295 16342 06132 ... 91771 66444 37542 0000 000	USB	(AB/RL)
E07	13363	22-7	1940	Wed	273 273 273 1 893 99 893 99 25295 16342 06132 ... 91771 66444 37542 0000 000	USB	(AB/RL)
E07	13562	23-7	1410	Thu	441 441 441 000	USB	(AB/MPJ)
E07	14862	23-7	1430	Thu	441 441 441 000	USB	(AB/MPJ)
E07	14862	23-7	1435	Thu	441 441 44	USB	(AB)
E07	15962	24-7	0700	Fri	945 945 945 000	USB	(AB)
E07	17462	24-7	0720	Fri	945 945 945 000	USB	(AB)
E07	19252	24-7	1100	Fri	242 242 242 000	USB	(AB)
E07	17452	24-7	1120	Fri	242 242 242 000	USB	(AB)
E07	12176	25-7	1300	Sat	152 152 152 000	USB	(AB/MPJ)
E07	11576	25-7	1320	Sat	152 152 152 000	USB	(AB/MPJ)
E07	13562	25-7	1410	Sat	441 441 441 000	USB	(AB)
E07	14862	25-7	1430	Sat	441 441 441 000	USB	(AB)
E07	10317	26-7	0600	Sun	312 312 312 000	USB	(AB)
E07	11117	26-7	0620	Sun	312 312 312 000	USB	(AB)
E07	12223	26-7	1700	Sun	210 210 210 000	USB	(AB)
E07	11023	26-7	1720	Sun	210 210 210 000	USB	(AB)
E07	16263	27-7	1900	Mon	273 273 273 000	USB	(AB/MPJ/RL)
E07	14763	27-7	1920	Mon	273 273 273 000	USB	(AB/MPJ/RL)
E07	19252	28-7	1100	Tue	242 242 242 1 586 25 586 25 76710 75182 35778 ... 32482 13309 72087 000 000	USB	(AB)
E07	17452	28-7	1120	Tue	242 242 242 1 586 25 586 25 76710 75182 35778 ... 32482 13309 72087 000 000	USB	(AB)
E07	16252	28-7	1140	Tue	242 242 242 1 586 25 586 25 76710 75182 35778 ... 32482 13309 72087 000 000	USB	(AB)
E07	12223	29-7	1700	Wed	201 201 201 000	USB	(AB/MPJ)
E07	11023	29-7	1720	Wed	201 201 201 000	USB	(AB/MPJ)
E07	16263	29-7	1900	Wed	273 273 273 000	USB	(AB/RL)
E07	14763	29-7	1920	Wed	273 273 273 000	USB	(AB/RL)
E07	13562	30-7	1410	Thu	441 441 441 1 534 35 534 35 44868 23061 30812 ... 34432 16894 92107 000 000	USB	(AB/MPJ)
E07	14862	30-7	1430	Thu	441 441 441 1 534 35 534 35 44868 23061 30812 ... 34432 16894 92107 000 000	USB	(AB/MPJ)
E07	16162	30-7	1450	Thu	441 441 441 1 534 35 534 35 44868 23061 30812 ... 34432 16894 92107 000 000	USB	(AB/MPJ)
E07	15962	31-7	0700	Fri	945 945 945 1 2706 84 2706 84 59639 50139 18264 ... 76318 58974 03926 000 000	USB	(AB)
E07	17462	31-7	0720	Fri	945 945 945 1 2706 84 2706 84 59639 50139 18264 ... 76318 58974 03926 000 000	USB	(AB)
E07	18542	31-7	0740	Fri	945 945 945 1 2706 84 2706 84 59639 50139 18264 ... 76318 58974 03926 000 000	USB	(AB)
E07	19252	31-7	1100	Fri	242 242 242 1 586 25 586 25 76710 75182 35778 ... 32482 13309 72087 000 000	USB	(AB/MPJ)
E07	17452	31-7	1120	Fri	242 242 242 1 586 25 586 25 76710 75182 35778 ... 32482 13309 72087 000 000	USB	(AB/MPJ)
E07	16252	31-7	1140	Fri	242 242 242 1 586 25 586 25 76710 75182 35778 ... 32482 13309 72087 000 000	USB	(AB/MPJ)
E07a	12166	1-7	2000	Wed	172 172 172 000	USB	(AB/RL)

E07a	10766	1-7	2020	Wed	172 172 172 000	USB	(AB/RL(
E07a	7933	2-7	0430	Thu	912 912 912 000	USB	(AB)
E07a	9133	2-7	0450	Thu	912 912 912 000	USB	(AB)
E07a	12213	3-7	1510	Fri	241 241 241 000	USB	(AB/MPJ/HFD)
E07a	11413	3-7	1530	Fri	241 241 241 000	USB	(AB/MPJ/HFD)
E07a	12173	4-7	0800	Sat	198 198 198 000	USB	(AB)
E07a	13973	4-7	0820	Sat	198 198 198 000	USB	(AB)
E07a	12166	8-7	2000	Wed	172 172 172 000	USB	(AB/DAM/RL)
E07a	10766	8-7	2020	Wed	172 172 172 000	USB	(AB/RL)
E07a	7933	9-7	0430	Thu	912 912 912 000	USB	(AB)
E07a	9133	9-7	0450	Thu	912 912 912 000	USB	(AB)
E07a	12213	10-7	1510	Fri	241 241 241 000	USB	(AB/MPJ/HFD)
E07a	11413	10-7	1530	Fri	241 241 241 000	USB	(AB/MPJ/HFD)
E07a	12173	11-7	0800	Sat	198 198 198 000	USB	(AB/HFD)
E07a	13973	11-7	0820	Sat	198 198 198 000	USB	(AB/HFD)
E07a	12166	15-7	2000	Wed	172 172 172 1 10906 527 95 527 95 70472 92912 32031 … 79138 72552 30091 000 000	USB	(AB/RL)
E07a	10766	15-7	2020	Wed	172 172 172 1 10906 527 95 527 95 70472 92912 32031 … 79138 72552 30091 000 000	USB	(AB/RL/Dan)
E07a	9266	15-7	2040	Wed	172 172 172 1 10906 527 95 527 95 70472 92912 32031 … 79138 72552 30091 000 000	USB	(AB/RL)
E07a	7933	16-7	0430	Thu	912 912 912 1 10906 527 95 527 95 70472 92912 32031 … 79138 72552 30091 000 000	USB	(AB)
E07a	9133	16-7	0450	Thu	912 912 912 1 10906 527 95 527 95 70472 92912 32031 … 79138 72552 30091 000 000	USB	(AB)
E07a	10233	16-7	0510	Thu	912 912 912 1 10906 527 95 527 95 70472 92912 32031 … 79138 72552 30091 000 000	USB	(AB)
E07a	12213	17-7	1510	Fri	241 241 241 000	USB	(AB/MPJ)
E07a	11413	17-7	1530	Fri	241 241 241 000	USB	(AB/MPJ)
E07a	12173	18-7	0800	Sat	198 198 198 000	USB	(AB)
E07a	13973	18-7	0820	Sat	198 198 198 000	USB	(AB)
E07a	12166	22-7	2000	Wed	172 172 172 1 10906 527 95 527 95 70472 92912 32031 … 79138 72552 30091 000 000	USB	(AB/RL)
E07a	10766	22-7	2020	Wed	172 172 172 1 10906 527 95 527 95 70472 92912 32031 … 79138 72552 30091 000 000	USB	(AB/RL/Dan)
E07a	9266	22-7	2040	Wed	172 172 172 1 10906 527 95 527 95 70472 92912 32031 … 79138 72552 30091 000 000	USB	(AB/RL)
E07a	7933	23-7	0430	Thu	912 912 912 1 10906 527 95 527 95 70472 92912 32031 … 79138 72552 30091 000 000	USB	(AB)
E07a	9133	23-7	0450	Thu	912 912 912 1 10906 527 95 527 95 70472 92912 32031 … 79138 72552 30091 000 000	USB	(AB)
E07a	10233	23-7	0510	Thu	912 912 912 1 10906 527 95 527 95 70472 92912 32031 … 79138 72552 30091 000 000	USB	(AB)
E07a	12213	24-7	1510	Fri	241 241 241 000	USB	(AB/MPJ)
E07a	11413	24-7	1530	Fri	241 241 241 000	USB	(AB/MPJ)
E07a	12173	25-7	0800	Sat	198 198 198 000	USB	(AB)
E07a	13973	25-7	0820	Sat	198 198 198 000	USB	(AB)
E07a	12166	29-7	2000	Wed	172 172 172 000	USB	(AB/RL)
E07a	10766	29-7	2020	Wed	172 172 172 000	USB	(AB/RL)
E07a	7933	30-7	0430	Thu	912 912 912 000	USB	(AB)
E07a	9133	30-7	0450	Thu	912 912 912 000	USB	(AB)
E07a	12213	31-7	1510	Fri	241 241 241 000	USB	(AB/GHn)

E07a	11413	31-7	1530	Fri	241 241 241 000	USB	(AB/MPJ)
E11	8565	1-7	0315	Wed	250/00	USB	(AB)
E11	15800	1-7	0640	Wed	942/00	USB	(AB)
E11	15720	1-7	0745	Wed	347/00	USB	(AB)
E11	17378	1-7	0820	Wed	132/00	USB	(AB)
E11	7449	1-7	0900	Wed	533/00	USB	(AB)
E11	6923	1-7	0930	Wed	276/00	USB	(AB)
E11	8545	1-7	1045	Wed	698/00	USB	(AB/MPJ)
E11	6304	1-7	1205	Wed	464/00	USB	(AB)
E11	7863	1-7	1625	Wed	974/00	USB	(AB/MPJ)
E11	4783	1-7	1705	Wed	392/00	USB	(AB)
E11	13424	2-7	0645	Thu	512/00	USB	(AB)
E11	14940	2-7	0745	Thu	224/00	USB	(AB)
E11	12153	2-7	0845	Thu	152/00	USB	(AB)
E11	6923	2-7	0930	Thu	273/00	USB	(AB)
E11	10356	2-7	1530	Thu	262/00	USB	(AB/GHn/MPJ)
E11	14575	2-7	1645	Thu	334/00	USB	(AB/MPJ)
E11	8088	2-7	1730	Thu	410/00	USB	(AB)
E11	7600	2-7	1900	Thu	648/00	USB	(AB)
E11	6849	3-7	0435	Fri	350/00	USB	(AB)
E11	8680	3-7	0700	Fri	570/00	USB	(AB)
E11	10429	3-7	0715	Fri	635/00	USB	(AB)
E11	15720	3-7	0745	Fri	346/00	USB	(AB)
E11	12202	3-7	0830	Fri	183/00	USB	(AB)
E11	8180	3-7	1000	Fri	308/00	USB	(AB/MPJ)
E11	5409	3-7	1530	Fri	524/00	USB	(MPJ)
E11	9610	3-7	1910	Fri	612/00	USB	(AB)
E11	6480	4-7	0710	Sat	496/00	USB	(AB)
E11	12984	4-7	1345	Sat	911/00	USB	(MPJ)
E11	4783	4-7	1705	Sat	392/00	USB	(AB/MPJ)
E11	6849	5-7	0435	Sun	359/00	USB	(AB)
E11	6480	5-7	0710	Sun	496/00	USB	(AB)
E11	5371	5-7	1605	Sun	231/00	USB	(AB/MPJ)
E11	7863	5-7	1625	Sun	975/00	USB	(AB/MPJ)
E11	14410	5-7	1745	Sun	244/00	USB	(AB)
E11	9610	5-7	1910	Sun	610/00	USB	(AB/GHn)
E11	15800	6-7	0640	Mon	940/00	USB	(AB)
E11	9610	6-7	0745	Mon	260/00	USB	(AB)
E11	5409	6-7	1530	Mon	527/00	USB	(AB/MPJ)
E11	14410	6-7	1745	Mon	249/00	USB	(AB)

E11	13424	7-7	0645	Tue	518/00	CW	(AB)
E11	8680	7-7	0700	Tue	571/00	USB	(AB)
E11	14940	7-7	0745	Tue	227/00	USB	(AB)
E11	6304	7-7	1205	Tue	463/00	USB	(AB/MPJ)
E11	5371	7-7	1605	Tue	230/00	USB	(AB/MPJ)
E11	14575	7-7	1645	Tue	334/00	USB	(AB-POL/MPJ)
E11	15800	8-7	0640	Wed	946/00	USB	(AB-POL)
E11	15720	8-7	0745	Wed	342/00	USB	(AB-POL)
E11	6923	8-7	0930	Wed	279/00	USB	(AB)
E11	6304	8-7	1205	Wed	465/00	USB	(AB)
E11	4783	8-7	1705	Wed	394/00	USB	(AB)
E11	13424	9-7	0645	Thu	518/00	USB	(AB)
E11	14940	9-7	0745	Thu	229/00	USB	(AB)
E11	4909	9-7	0820	Thu	431/00	USB	(AB)
E11	6923	9-7	0930	Thu	279/00	USB	(AB)
E11	10356	9-7	1530	Thu	266/00	USB	(AB/MPJ)
E11	14575	9-7	1645	Thu	332/00	USB	(AB/MPJ)
E11	6849	10-7	0435	Fri	354/00	USB	(AB)
E11	8680	10-7	0700	Fri	571/00	USB	(AB)
E11	15720	10-7	0745	Fri	340/00	USB	(AB-POL)
E11	4909	10-7	0820	Fri	438/00	USB	(AB-POL)
E11	5409	10-7	1530	Fri	520/00	USB	(AB)
E11	12229	10-7	1650	Fri	921/00	USB	(AB/MPJ)
E11	6480	11-7	0710	Sat	495/00	USB	(AB)
E11	5737	11-7	0805	Sat	311/00	USB	(AB)
E11	4783	11-7	1705	Sat	390/00	USB	(AB/MPJ)
E11	5082	11-7	1930	Sat	369/00	USB	(AB/MPJ/RL-D)
E11	6849	12-7	0435	Sun	351/00	USB	(AB)
E11	6480	12-7	0710	Sun	491/00	USB	(AB)
E11	5737	12-7	0805	Sun	311/00	USB	(AB)
E11	5371	12-7	1605	Sun	238/00	USB	(AB/MPJ)
E11	12229	12-7	1650	Sun	922/00	USB	(AB/RL-G)
E11	14410	12-7	1745	Sun	244/00	USB	(AB)
E11	5082	12-7	1930	Sun	363/00	USB	(AB/GHn)
E11	7469	13-7	0450	Mon	418/00	USB	(AB)
E11	9610	13-7	0745	Mon	261/00	USB	(AB)
E11	12202	13-7	0830	Mon	184/00	USB	(AB)
E11	7449	13-7	0900	Mon	530/00	USB	(AB)
E11	8545	13-7	1045	Mon	697/00	USB	(AB/MPJ)
E11	5409	13-7	1530	Mon	522/00	USB	(AB/MPJ)

E11	14410	13-7	1745	Mon	244/00	USB	(MPJ)
E11	7600	13-7	1900	Mon	648/00	USB	(AB)
E11	13424	14-7	0645	Tue	518/00	CW	(AB)
E11	8680	14-7	0700	Tue	576/00	USB	(AB)
E11	14940	14-7	0745	Tue	220/00	USB	(AB)
E11	17378	14-7	0820	Tue	135/00	USB	(AB-POL)
E11	12153	14-7	0845	Tue	154/00	USB	(AB)
E11	8180	14-7	1000	Tue	300/00	USB	(AB)
E11	6304	14-7	1205	Tue	465/00	USB	(MPJ)
E11	12984	14-7	1345	Tue	911/00	USB	(AB/MPJ)
E11	15720	15-7	0745	Wed	346/00	USB	(AB-POL)
E11	17378	15-7	0820	Wed	130/00	USB	(AB-POL)
E11	7449	15-7	0900	Wed	538/00	USB	(AB)
E11	8545	15-7	1045	Wed	697/00	USB	(AB/MPJ)
E11	6304	15-7	1205	Wed	466/00	USB	(AB)
E11	7863	15-7	1625	Wed	972/00	USB	(AB/MPJ)
E11	13424	16-7	0645	Thu	511/00	USB	(AB)
E11	14940	16-7	0745	Thu	225/00	USB	(AB)
E11	4909	16-7	0820	Thu	438/00	USB	(AB)
E11	12153	16-7	0845	Thu	159/00	USB	(AB)
E11	10356	16-7	1530	Thu	266/00	USB	(MPJ/RL-D)
E11	8088	16-7	1730	Thu	410/00	USB	(AB)
E11	7600	16-7	1900	Thu	641/00	USB	(AB/RL-D)
E11	8680	17-7	0700	Fri	571/00	USB	(AB)
E11	10429	17-7	0715	Fri	635/00	USB	(AB)
E11	15720	17-7	0745	Fri	340/00	USB	(AB-POL)
E11	4909	17-7	0820	Fri	435/00	USB	(AB)
E11	12202	17-7	0830	Fri	184/00	USB	(AB)
E11	8180	17-7	1000	Fri	307/00	USB	(AB)
E11	5409	17-7	1530	Fri	524/00	USB	(AB)
E11	12229	17-7	1650	Fri	924/00	USB	(AB/MPJ)
E11	6480	18-7	0710	Sat	496/00	USB	(AB)
E11	12984	18-7	1345	Sat	918/00	USB	(AB)
E11	5082	18-7	1930	Sat	369/00	USB	(AB)
E11	6480	19-7	0710	Sun	498/00	USB	(AB)
E11	5737	19-7	0805	Sun	312/00	USB	(AB)
E11	7863	19-7	1625	Sun	975/00	USB	(AB/MPJ)
E11	12229	19-7	1650	Sun	922/00	USB	(AB/MPJ)
E11	14410	19-7	1745	Sun	242/00	USB	(MPJ)
E11	5082	19-7	1930	Sun	368/00	USB	(AB)

E11	7469	20-7	0450	Mon	414/00	USB	(HFD)
E11	7469	20-7	0450	Mon	414/00	USB	(AB)
E11	15800	20-7	0640	Mon	944/00	USB	(AB)
E11	9610	20-7	0745	Mon	266/00	USB	(AB)
E11	12202	20-7	0830	Mon	180/00	USB	(AB)
E11	7449	20-7	0900	Mon	537/00	USB	(AB)
E11	8545	20-7	1045	Mon	692/00	USB	(AB/MPJ)
E11	5409	20-7	1530	Mon	524/00	USB	(AB/MPJ)
E11	7600	20-7	1900	Mon	640/00	USB	(AB)
E11	13424	21-7	0645	Tue	519/00	USB	(AB)
E11	17378	21-7	0820	Tue	131/00	USB	(AB-POL)
E11	12153	21-7	0845	Tue	157/00	USB	(AB)
E11	8180	21-7	1000	Tue	307/00	USB	(MPJ)
E11	12984	21-7	1345	Tue	917/00	USB	(AB)
E11	5371	21-7	1605	Tue	232/00	USB	(MPJ)
E11	14575	21-7	1645	Tue	330/00	USB	(MPJ)
E11	15800	22-7	0640	Wed	949/00	USB	(AB)
E11	15720	22-7	0745	Wed	343/00	USB	(AB)
E11	17378	22-7	0820	Wed	136/00	USB	(AB)
E11	7449	22-7	0900	Wed	532/00	USB	(AB)
E11	6923	22-7	0930	Wed	278/00	USB	(AB)
E11	8545	22-7	1045	Wed	698/00	USB	(AB/MPJ)
E11	7863	22-7	1625	Wed	976/00	USB	(MPJ)
E11	4783	22-7	1705	Wed	392/00	USB	(AB/MPJ)
E11	13424	23-7	0645	Thu	517/00	USB	(AB)
E11	4909	23-7	0820	Thu	436/00	USB	(AB)
E11	12153	23-7	0845	Thu	152/00	USB	(AB)
E11	6923	23-7	0930	Thu	278/00	USB	(AB)
E11	10356	23-7	1530	Thu	268/00	USB	(AB/MPJ)
E11	14575	23-7	1645	Thu	338/00	USB	(MPJ)
E11	8088	23-7	1730	Thu	418/00	USB	(AB)
E11	7600	23-7	1900	Thu	643/00	USB	(AB)
E11	6849	24-7	0435	Fri	353/00	USB	(AB)
E11	10429	24-7	0715	Fri	639/00	USB	(AB)
E11	15720	24-7	0745	Fri	340/00	USB	(AB)
E11	4909	24-7	0820	Fri	435/00	USB	(AB)
E11	12202	24-7	0830	Fri	189/00	USB	(AB)
E11	8180	24-7	1000	Fri	302/00	USB	(AB)
E11	8180	24-7	1000	Fri	302/00	USB	(AB)
E11	5409	24-7	1530	Fri	525/00	USB	(AB)

E11	12229	24-7	1650	Fri	920/00	USB	(AB)
E11	9610	24-7	1910	Fri	611/00	USB	(AB)
E11	5737	25-7	0805	Sat	314/00	USB	(AB)
E11	12984	25-7	1345	Sat	911/00	USB	(AB/MPJ)
E11	4783	25-7	1705	Sat	396/00	USB	(AB/MPJ)
E11	5082	25-7	1930	Sat	364/00	USB	(AB)
E11	6849	26-7	0435	Sun	353/00	USB	(AB)
E11	5737	26-7	0805	Sun	314/00	USB	(AB)
E11	5371	26-7	1605	Sun	231/00	USB	(MPJ)
E11	7863	26-7	1625	Sun	974/00	USB	(AB/MPJ)
E11	12229	26-7	1650	Sun	929/00	USB	(AB/MPJ)
E11	5082	26-7	1930	Sun	366/00	USB	(AB)
E11	7469	27-7	0450	Mon	411/00	USB	(AB)
E11	15800	27-7	0640	Mon	941/00	USB	(AB)
E11	12202	27-7	0830	Mon	188/00	USB	(AB)
E11	7449	27-7	0900	Mon	530/00	USB	(AB)
E11	8545	27-7	1045	Mon	693/00	USB	(AB)
E11	14410	27-7	1745	Mon	245/00	USB	(AB/MPJ)
E11	7600	27-7	1900	Mon	648/00	USB	(AB/MPJ)
E11	14940	28-7	0745	Tue	227/00	USB	(AB)
E11	17378	28-7	0820	Tue	130/00	USB	(AB)
E11	12153	28-7	0845	Tue	154/00	USB	(AB)
E11	8180	28-7	1000	Tue	307/00	USB	(AB/MPJ)
E11	6304	28-7	1205	Tue	469/00	USB	(AB)
E11	12984	28-7	1345	Tue	914/00	USB	(AB/MPJ)
E11	5371	28-7	1605	Tue	232/00	USB	(MPJ)
E11	14575	28-7	1645	Tue	337/00	USB	(MPJ)
E11	15800	29-7	0640	Wed	945/00	USB	(AB)
E11	17378	29-7	0820	Wed	130/00	USB	(AB)
E11	7449	29-7	0900	Wed	530/00	USB	(AB)
E11	6923	29-7	0930	Wed	275/00	USB	(AB)
E11	8545	29-7	1045	Wed	697/00	USB	(AB/MPJ)
E11	6304	29-7	1205	Wed	462/00	USB	(AB/MPJ-HOL)
E11	7863	29-7	1625	Wed	976/00	USB	(MPJ)
E11	4783	29-7	1705	Wed	395/00	USB	(AB)
E11	14940	30-7	0745	Thu	227/00	USB	(AB)
E11	4909	30-7	0820	Thu	432/00	USB	(AB)
E11	12153	30-7	0845	Thu	154/00	USB	(AB)
E11	6923	30-7	0930	Thu	279/00	USB	(AB)
E11	14575	30-7	1645	Thu	330/00	USB	(MPJ)

E11	8088	30-7	1730	Thu	414/00	USB	(AB)
E11	7600	30-7	1900	Thu	641/00	USB	(AB)
E11	6849	31-7	0435	Fri	352/00	USB	(AB)
E11	8680	31-7	0700	Fri	573/00	USB	(AB)
E11	4909	31-7	0820	Fri	436/00	USB	(AB)
E11	12202	31-7	0830	Fri	188/00	USB	(AB)
E11	12229	31-7	1650	Fri	927/00	USB	(MPJ)
E11	9610	31-7	1910	Fri	616/00	USB	(AB)
E11a	4909	2-7	0820	Thu	432/33 Attention 22841 77363 36480 ... 60165 83490 65312 Attention (message repeated) Out	USB	(AB)
E11a	4909	3-7	0820	Fri	432/33 Attention 22841 77363 36480 ... 60165 83490 65312 Attention (message repeated) Out	USB	(AB-POL)
E11a	12229	3-7	1650	Fri	920/34 Attention 85989 87904 38737 ... 63331 31479 83902 Attention (message repeated) Out	USB	(MPJ)
E11a	5737	4-7	0805	Sat	315/34 Attention 51902 82823 71625 ... 57595 24803 37067 Attention (message repeated) Out	USB	(AB)
E11a	5082	4-7	1930	Sat	364/32 Attention 55684 57281 66996 ... 60440 36638 87256 Attention (message repeated) Out	USB	(AB)
E11a	5737	5-7	0805	Sun	315/34 Attention 51902 82823 71625 ... 57595 24803 37067 Attention (message repeated) Out	USB	(AB)
E11a	12229	5-7	1650	Sun	920/34 Attention 85989 87904 38737 ... 63331 31479 83902 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	5082	5-7	1930	Sun	364/32 Attention 55684 57281 66996 ... 60440 36638 87256 Attention (message repeated) Out	USB	(AB)
E11a	7469	6-7	0450	Mon	415/31 Attention 85638 43160 15945 ... 63238 12247 13508 Attention (message repeated) Out	USB	(AB)
E11a	12202	6-7	0830	Mon	181/37 Attention 94411 45004 44221 ... 73218 63578 24244 Attention (message repeated) Out	USB	(AB)
E11a	7449	6-7	0900	Mon	537/32 Attention 96089 75969 15881 ... 54268 80576 74830 Attention (message repeated) Out	USB	(AB)
E11a	8545	6-7	1045	Mon	698/33 Attention 02562 80509 60827 ... 36679 29380 04169 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	7600	6-7	1900	Mon	649/31 Attention 19919 78330 02650 ... 01496 55337 61921 Attention (message repeated) Out	USB	(AB)
E11a	4146	6-7	2000	Mon	121/25 Attention 45230 25698 74521 ... 65840 12543 02542 Attention (message repeated) Out	USB	(Danix)
E11a	17378	7-7	0820	Tue	134/35 Attention 21331 31516 31137 ... 69661 19881 04028 Attention (message repeated) Out	USB	(AB-POL)
E11a	12153	7-7	0845	Tue	157/36 Attention 72185 75114 61785 ... 44598 58055 89793 Attention (message repeated) Out	USB	(AB)

E11a	8180	7-7	1000	Tue	304/30 Attention 71673 25592 43649 ... 37388 32838 59152 Attention (message repeated) Out	USB	(AB/MPJ-POL)
E11a	12984	7-7	1345	Tue	911/37 Attention 49424 16316 57566 ... 03559 98558 24700 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	17378	8-7	0820	Wed	134/35 Attention 21331 31516 31137 ... 69661 19881 04028 Attention (message repeated) Out	USB	(AB-POL)
E11a	7449	8-7	0900	Wed	537/32 Attention 96089 75969 15881 ... 54268 80576 74830 Attention (message repeated) Out	USB	(AB)
E11a	8545	8-7	1045	Wed	698/33 Attention 02562 80509 60827 ... 36679 29380 04169 Attention (message repeated) Out	USB	(AB)
E11a	12153	9-7	0845	Thu	157/36 Attention 72185 75114 61785 ... 44598 58055 89793 Attention (message repeated) Out	USB	(AB)
E11a	8088	9-7	1730	Thu	415/31 Attention 85638 43160 15945 ... 63238 12247 13508 Attention (message repeated) Out	USB	(AB)
E11a	7600	9-7	1900	Thu	649/31 Attention 19919 78330 02650 ... 01496 55337 61921 Attention (message repeated) Out	USB	(AB)
E11a	10429	10-7	0715	Fri	635/38 Attention 06000 26450 84826 ... 16771 27616 98070 Attention (message repeated) Out	USB	(AB)
E11a	12202	10-7	0830	Fri	181/37 stopped after one minute	USB	(AB)
E11a	8180	10-7	1000	Fri	304/30 Attention 71673 25592 43649 ... 37388 32838 59152 Attention (message repeated) Out	USB	(AB)
E11a	12984	11-7	1345	Sat	911/37 Attention 49424 16316 57566 ... 03559 98558 24700 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	7863	12-7	1625	Sun	974/34 Attention 91750 09134 65852 ... 04247 72241 37546 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	15800	13-7	0640	Mon	946/32 Attention 59786 11453 81020 ... 21048 77126 42170 Attention (message repeated) Out	USB	(AB)
E11a	5371	14-7	1605	Tue	231/35 Attention 59915 64045 62531 62531 19449 56897 ... 78442 90099 35407 22559 22705 out	USB	(RL-D)
E11a	14575	14-7	1645	Tue	331/39 Attention 30741 01695 73968 ... 74104 87264 28584 Attention (message repeated) Out	USB	(AB-POL/MPJ)
E11a	5409	14-7	2015	Tue	121/25 Attention 20125 63987 54210 ... 02158 96632 01254 Attention (message repeated) Out	USB	(Danix)
E11a	5779	14-7	2120	Tue	121/25 Attention 20125 96354 87520 ... 47885 00124 59861 Attention (message repeated) Out	USB	(Danix/HFD)
E11a	15800	15-7	0640	Wed	946/32 Attention 59786 11453 81020 ... 21048 77126 42170 Attention (message repeated) Out	USB	(AB-POL)
E11a	6923	15-7	0930	Wed	271/34 Attention 44611 47992 54079 ... 03914 70575 31321 Attention (message repeated) Out	USB	(AB)

E11a	4783	15-7	1705	Wed	393/32 Attention 48597 23105 12564 ... 84944 02149 04836 Attention (message repeated) Out	USB	(AB)
E11a	4624	15-7	2010	Wed	121/30 Attention 11321 46554 79897 ... 00658 97852 36598 Attention (message repeated) Out	USB	(Danix)
E11a	4242	15-7	2105	Wed	121/30 Attention 78965 32546 12236 ... 45212 68741 21212 Attention (message repeated) Out	USB	(Danix)
E11a	6923	16-7	0930	Thu	271/34 Attention 44611 47992 54079 ... 03914 70575 31321 Attention (message repeated) Out	USB	(AB)
E11a	14575	16-7	1645	Thu	331/39 Attention 30741 01695 73968 ... 74104 87264 28584 Attention (message repeated) Out	USB	(AB-POL)
E11a	6849	17-7	0435	Fri	355/36 Attention 76172 50070 38579 ... 61454 41661 56421 Attention (message repeated) Out	USB	(AB/HFD)
E11a	4783	18-7	1705	Sat	393/32 Attention 48597 23105 12564 ... 84944 02149 04836 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	4356	18-7	1800	Sat	121/25 Attention 29654 87952 13546 ... 31546 88789 67411 Attention (message repeated) Out	USB	(Danix)
E11a	6849	19-7	0435	Sun	355/36 Attention 76172 50070 38579 ... 61454 41661 56421 Attention (message repeated) Out	USB	(AB)
E11a	5371	19-7	1605	Sun	231/35 Attention 59915 64045 62531 62531 19449 56897 ... 78442 90099 35407 22559 22705 out	USB	(AB/MPJ)
E11a	4146	19-7	1800	Sun	121/25 Attention 97889 70897 68757 ... 65577 57543 35443Attention (message repeated) Out	USB	(Danix)
E11a	4441	19-7	1820	Sun	121/25 Attention 56376 84745 71454 ... 48545 27442 74454 Attention (message repeated) Out	USB	(Danix)
E11a	14410	20-7	1745	Mon	249/34 Attn 42108 43210 51991 ... 10472 26898 66158	USB	(MPJ)
E11a	6304	21-7	1205	Tue	469/39 Attention 31918 35467 99873 ... 47978 61006 44302 Attention (message repeated) out	USB	(AB/MPJ)
E11a	14940	23-7	0745	Thu	225/36 Attention 53743 53729 36474 ... 05768 14579 09294 Attention (message repeated) Out	USB	(AB)
E11a	8680	24-7	0700	Fri	577/32 Attention 00607 28587 53855 ... 09742 85219 88630 Attention (message repeated) Out	USB	(AB)
E11a	6480	25-7	0710	Sat	495/37 Attention 00126 01962 29642 ... 96228 39707 31774 Attention (message repeated) Out	USB	(AB)
E11a	6480	26-7	0710	Sun	495/37 Attention 00126 01962 29642 ... 96228 39707 31774 Attention (message repeated) Out	USB	(AB)
E11a	14410	26-7	1745	Sun	249/34 Attn 42108 43210 51991 ... 10472 26898 66158	USB	(MPJ)
E11a	9610	27-7	0745	Mon	261/31 Attention 54577 46854 99709 ... 35191 00108 40960 Attention (message repeated) Out	USB	(AB)
E11a	5409	27-7	1530	Mon	528/37 Attention 16044 49585 61998 ... 65318 49168 20124 Attention (message repeated) Out	USB	(AB/MPJ)

E11a	15720	29-7	0745	Wed	347/33 Attention 59192 59192 22475 ... 90360 25423 10610 Attention (message repeated) Out	USB	(AB)
E11a	13424	30-7	0645	Thu	510/31 Attention 11498 88529 61361 ... 12448 34258 13920 Attention (message repeated) Out	USB	(AB)
E11a	10356	30-7	1530	Thu	261/31 Attention 54577 46854 99709 ... 35191 00108 40960 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	10429	31-7	0715	Fri	638/49 Attention 37700 45722 71152 ... 15351 37072 83852 Attention (message repeated) Out	USB	(AB)
E11a	15720	31-7	0745	Fri	347/33 Attention 59192 59192 22475 ... 90360 25423 10610 Attention (message repeated) Out	USB	(AB)
E11a	5409	31-7	1530	Fri	528/37 Attention 16044 49585 61998 ... 65318 49168 20124 Attention (message repeated) Out	USB	(AB)
E17z	16780	2-7	0800	Thu	217 948 5 18430 37111 31716 74483 43472 948 5 00000	USB	(AB)
E17z	12850	2-7	0810	Thu	217 948 5 18430 37111 31716 74483 43472 948 5 00000	USB	(AB)
E17z	16780	9-7	0800	Thu	217 948 5 18430 37111 31716 74483 43472 948 5 00000	USB	(AB)
E17z	12850	9-7	0810	Thu	217 948 5 18430 37111 31716 74483 43472 948 5 00000	USB	(AB)
E17z	16780	16-7	0800	Thu	217 530 6 99623 56098 43099 74537 57440 10597 530 6 00000	USB	(AB-KWT)
E17z	12850	16-7	0810	Thu	217 530 6 99623 56098 43099 74537 57440 10597 530 6 00000	USB	(AB)
E17z	16780	23-7	0800	Thu	217 530 6 99623 56098 43099 74537 57440 10597 530 6 00000	USB	(AB)
E17z	12850	23-7	0810	Thu	217 530 6 99623 56098 43099 74537 57440 10597 530 6 00000	USB	(AB)
E17z	16780	30-7	0800	Thu	217 217 217 00000	USB	(AB)
E17z	12850	30-7	0810	Thu	217 217 217 00000	USB	(AB)
EGY	16011.7	2-7	1705	Thu	Egyptian Embassy Washington D.C? "to 71: 184 groups Urgent"	SITOR-A 100/170	(GR)
EGY	13886.5	8-7	0659	Wed	MFA Cairo clg QQTX: Egyptian embassy Prague	SITOR-A 100/170	(AB)
EGY	16009.7	10-7	2030	Fri	LKZGCG: Egyptian Embassy Washington DC garbled message to unid station	SITOR-A 100/170	(GR)
EGY	16023.7	15-7	1634	Wed	Egyptian Embassy Washington DC? Had been testing frequencies with idle SITOR A on 16009.7, 15991.7, 16051.7, 16101.7 and 16011.7 kHz.	SITOR-A 100/170/CODAN	(GR)
F01	11141	1-7	1015	Wed	Russian diplo/intel. 25711 62078 87621 ... 06161 23232 82433 00000	FSK 200/500	(AB)
F01	9192	1-7	1025	Wed	Russian diplo/intel. 25711 62078 87621 ... 06161 23232 82433 00000	FSK 200/500	(AB-RUS)
F01	7363	1-7	1035	Wed	Russian diplo/intel. 25711 62078 87621 ... 06161 23232 82433 00000	FSK 200/500	(AB-RUS)
F01	14829	1-7	1840	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/HFD)
F01	12214	1-7	1850	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/HFD)
F01	10932	1-7	1900	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/HFD)
F01	11141	2-7	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB/HFD)
F01	9192	2-7	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/HFD)
F01	7363	2-7	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/HFD)
F01	11141	3-7	1005	Fri	Russian diplo/intel. Test: RYRYRYRYRYRYRYRYRYRYRYRY	FSK 200/500	(AB)
F01	11141	3-7	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	9192	3-7	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F01	7363	3-7	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)

F01	11141	6-7	1015	Mon	Russian diplo/intel. 39837 19453 10981 ... 91680 53434 85435 00000	FSK 200/500	(AB/MPJ/SP1)
F01	9192	6-7	1025	Mon	Russian diplo/intel. 39837 19453 10981 ... 91680 53434 85435 00000	FSK 200/500	(AB-RUS/MPJ)
F01	7363	6-7	1035	Mon	Russian diplo/intel. 39837 19453 10981 ... 91680 53434 85435 00000	FSK 200/500	(AB-RUS/MPJ)
F01	11141	7-7	1015	Tue	Russian diplo/intel.	FSK 200/500	(AB)
F01	9192	7-7	1025	Tue	Russian diplo/intel.	FSK 200/500	(AB-RUS)
F01	7363	7-7	1035	Tue	Russian diplo/intel.	FSK 200/500	(AB-RUS)
F01	11141	8-7	1015	Wed	Russian diplo/intel. 35251 54693 24318 ... 33021 36632 88415 00000	FSK 200/500	(AB/MPJ)
F01	9192	8-7	1025	Wed	Russian diplo/intel. 35251 54693 24318 ... 33021 36632 88415 00000	FSK 200/500	(AB-RUS/MPJ)
F01	7363	8-7	1035	Wed	Russian diplo/intel. 35251 54693 24318 ... 33021 36632 88415 00000	FSK 200/500	(AB-RUS/MPJ)
F01	11141	9-7	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB/MPJ)
F01	9192	9-7	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/MPJ)
F01	7363	9-7	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/MPJ)
F01	11141	10-7	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	9192	10-7	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F01	7363	10-7	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F01	11141	13-7	1015	Mon	Russian diplo/intel. 23240 85460 78865 ... 65624 44182 91415 00000	FSK 200/500	(AB)
F01	9192	13-7	1025	Mon	Russian diplo/intel. 23240 85460 78865 ... 65624 44182 91415 00000	FSK 200/500	(AB-POL)
F01	7363	13-7	1035	Mon	Russian diplo/intel. 23240 85460 78865 ... 65624 44182 91415 00000	FSK 200/500	(AB-POL)
F01	11141	14-7	1015	Tue	Russian diplo/intel.	FSK 200/500	(AB)
F01	9192	14-7	1025	Tue	Russian diplo/intel.	FSK 200/500	(AB-RUS)
F01	7363	14-7	1035	Tue	Russian diplo/intel.	FSK 200/500	(AB-RUS)
F01	11141	15-7	1015	Wed	Russian diplo/intel. 47843 37388 97413 ... 44505 83091 94437 00000	FSK 200/500	(AB)
F01	9192	15-7	1025	Wed	Russian diplo/intel. 47843 37388 97413 ... 44505 83091 94437 00000	FSK 200/500	(AB-RUS)
F01	7363	15-7	1035	Wed	Russian diplo/intel. 47843 37388 97413 ... 44505 83091 94437 00000	FSK 200/500	(AB-RUS)
F01	11141	16-7	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9192	16-7	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7363	16-7	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	11141	17-7	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	9192	17-7	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	7363	17-7	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F01	11141	20-7	1015	Mon	Russian diplo/intel. 50809 05787 74500 ... 30071 42479 97427 00000	FSK 200/500	(AB/MPJ)
F01	9192	20-7	1025	Mon	Russian diplo/intel. 50809 05787 74500 ... 30071 42479 97427 00000	FSK 200/500	(AB-POL/MPJ)
F01	7363	20-7	1035	Mon	Russian diplo/intel. 50809 05787 74500 ... 30071 42479 97427 00000	FSK 200/500	(AB-POL/MPJ)
F01	11141	21-7	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9192	21-7	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	7363	21-7	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	11141	22-7	1015	Wed	Russian diplo/intel. 36545 37978 55104 ... 58559 82191 01421 00000	FSK 200/500	(AB)
F01	9192	22-7	1025	Wed	Russian diplo/intel. 36545 37978 55104 ... 58559 82191 01421 00000	FSK 200/500	(AB-RUS)
F01	7363	22-7	1035	Wed	Russian diplo/intel. 36545 37978 55104 ... 58559 82191 01421 00000	FSK 200/500	(AB-RUS)
F01	11141	23-7	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)

F01	9192	23-7	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7363	23-7	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	11141	24-7	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	9192	24-7	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	7363	24-7	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F01	18562	24-7	2230	Fri	Russian diplo/intel via Cuba. Header: 11177 00116 28201 23038 02049	FSK 200/500	(Danix-B)
F01	16218	24-7	2240	Fri	Russian diplo/intel via Cuba. Header: 11177 00116 28201 23038 02049	FSK 200/500	(Danix-B)
F01	11141	27-7	1015	Mon	Russian diplo/intel. 54450 75806 98757 ... 49872 43698 04441 00000	FSK 200/500	(AB)
F01	9192	27-7	1025	Mon	Russian diplo/intel. 54450 75806 98757 ... 49872 43698 04441 00000	FSK 200/500	(AB-POL)
F01	7363	27-7	1035	Mon	Russian diplo/intel. 54450 75806 98757 ... 49872 43698 04441 00000	FSK 200/500	(AB-POL)
F01	11141	28-7	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9192	28-7	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	7363	28-7	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	11141	29-7	1015	Wed	Russian diplo/intel. 81199 57457 87835 ... 44617 19048 07433 00000	FSK 200/500	(AB/MPJ)
F01	9192	29-7	1025	Wed	Russian diplo/intel. 81199 57457 87835 ... 44617 19048 07433 00000	FSK 200/500	(AB-RUS/MPJ)
F01	7363	29-7	1035	Wed	Russian diplo/intel. 81199 57457 87835 ... 44617 19048 07433 00000	FSK 200/500	(AB-RUS/MPJ)
F01	11141	30-7	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9192	30-7	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7363	30-7	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	11141	31-7	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	9192	31-7	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	7363	31-7	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F03f	10210	2-7	0735	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	2-7	0740	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	6-7	0735	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	6-7	0740	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	9-7	0735	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	9-7	0740	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	13-7	0735	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	13-7	0740	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	16-7	0735	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	16-7	0740	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	20-7	0735	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	20-7	0740	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	27-7	0735	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	27-7	0740	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	30-7	0735	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	30-7	0740	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03i	6433	1-7	1100	Wed	Polish intel.	FSK-2 100Bd/800Hz/488bp	(MPJ)
F03i	6433	1-7	1105	Wed	Polish intel.	FSK-2 100Bd/800Hz/488bp	(MPJ)

F03i	6433	7-7	1100	Tue	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	7-7	1105	Tue	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	8-7	1100	Wed	Polish intel.	FSK-2 100Bd/800Hz/488bp	(MPJ)
F03i	6433	8-7	1105	Wed	Polish intel.	FSK-2 100Bd/800Hz/488bp	(MPJ)
F03i	6433	14-7	1100	Tue	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	14-7	1105	Tue	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	15-7	1100	Wed	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	15-7	1105	Wed	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	22-7	1100	Wed	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	22-7	1105	Wed	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	28-7	1100	Tue	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB/MPJ)
F03i	6433	28-7	1105	Tue	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB/MPJ)
F03i	6433	29-7	1100	Wed	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	29-7	1105	Wed	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03j	18030	1-7	0800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	1-7	0805	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	1-7	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	1-7	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	1-7	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	1-7	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	2-7	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	2-7	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	2-7	0635	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	2-7	0640	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	2-7	0725	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	2-7	0730	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	2-7	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	2-7	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	2-7	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	2-7	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	7-7	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	7-7	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	7-7	0635	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	7-7	0640	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	7-7	0725	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	7-7	0730	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	7-7	0800	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	7-7	0805	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	7-7	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	7-7	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	18030	8-7	0800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	8-7	0805	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	8-7	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	8-7	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	8-7	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	8-7	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	9-7	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	9-7	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	9-7	0635	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	9-7	0640	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	9-7	0725	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	9-7	0730	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	9-7	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	9-7	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	9-7	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	9-7	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	10-7	0945	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	10-7	0950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	14-7	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	14-7	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	14-7	0725	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	14-7	0730	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	14-7	0800	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	14-7	0805	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	14-7	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	14-7	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	14-7	0945	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	14-7	0950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	15-7	0800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	15-7	0805	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	15-7	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	8423	15-7	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	8803	16-7	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	16-7	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	16-7	0635	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	16-7	0640	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	16-7	0725	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	16-7	0730	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	16-7	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	16-7	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	6304	16-7	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	16-7	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	17-7	0810	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	17-7	0815	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	17-7	0945	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	17-7	0950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	20-7	0810	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	20-7	0815	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	20-7	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	20-7	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	21-7	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	21-7	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	21-7	0945	Tue	Polish intel. Distorted sound	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	21-7	0950	Tue	Polish intel. Distorted sound	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	22-7	0800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	22-7	0805	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	22-7	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	8423	22-7	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	8803	23-7	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	23-7	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	23-7	0635	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	23-7	0640	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	23-7	0725	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	23-7	0730	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	23-7	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	23-7	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	23-7	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	23-7	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	24-7	0810	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	24-7	0815	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	24-7	0945	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	24-7	0950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	27-7	0810	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	27-7	0815	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	27-7	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	27-7	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	28-7	0800	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	28-7	0805	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	28-7	0945	Tue	Polish intel. Distorted sound	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	28-7	0950	Tue	Polish intel. Distorted sound	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	18030	29-7	0800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	29-7	0805	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	29-7	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	29-7	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	30-7	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	30-7	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	30-7	0635	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	30-7	0640	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	30-7	0725	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	30-7	0730	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	30-7	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	30-7	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	30-7	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	30-7	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	31-7	0810	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	31-7	0815	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	31-7	0945	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	31-7	0950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03l	7469	1-7	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	7469	1-7	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	2-7	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	2-7	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	12385	2-7	1800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	12385	2-7	1805	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6304	2-7	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6304	2-7	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	7469	6-7	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	7469	6-7	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6304	6-7	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6304	6-7	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	12385	7-7	1800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	12385	7-7	1805	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	8-7	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	8-7	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	7469	8-7	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	7469	8-7	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	9-7	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	9-7	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	12385	9-7	1800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	12385	9-7	1805	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	6304	9-7	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	9-7	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	13-7	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	13-7	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	13-7	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	6304	13-7	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	12385	14-7	1800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	14-7	1805	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	15-7	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	15-7	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	15-7	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	15-7	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	16-7	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	16-7	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	16-7	1800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	16-7	1805	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	16-7	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	16-7	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	20-7	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	20-7	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	20-7	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	20-7	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	21-7	1800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	21-7	1805	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	23-7	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	23-7	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	23-7	1800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	23-7	1805	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	23-7	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	23-7	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	27-7	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	27-7	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	27-7	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	6304	27-7	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	12385	28-7	1800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(MPJ)
F03I	12385	28-7	1805	Tue	Polish intel.	FSK-2 100Bd/200Hz	(MPJ)
F03I	6849	29-7	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	29-7	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	29-7	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	29-7	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03l	6849	30-7	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	30-7	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	12385	30-7	1800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03l	12385	30-7	1805	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03l	6304	30-7	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6304	30-7	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F06	15707	1-7	0610	Wed	Russian diplo/intel. 11166 40122 64389 27094 03509	FSK 200/1000	(AB-RUS)
F06	13446	1-7	0620	Wed	Russian diplo/intel. 11166 40122 64389 27094 03509	FSK 200/1000	(AB-KOR)
F06	13881	1-7	0700	Wed	Russian diplo/intel. Header: 11166 70202 37218 30020 02359	FSK 200/1000	(AB)
F06	11159	1-7	0710	Wed	Russian diplo/intel. Header: 11166 70202 37218 30020 02359	FSK 200/1000	(AB)
F06	9188	1-7	0720	Wed	Russian diplo/intel. Header: 11166 70202 37218 30020 02359	FSK 200/1000	(AB)
F06	12183	1-7	1200	Wed	Russian diplo/intel. Header: 11166 70202 37218 30020 02359	FSK 200/1000	(AB)
F06	10629	1-7	1210	Wed	Russian diplo/intel. Header: 11166 70202 37218 30020 02359	FSK 200/1000	(AB)
F06	8138	1-7	1220	Wed	Russian diplo/intel. Header: 11166 70202 37218 30020 02359	FSK 200/1000	(AB)
F06	15707	2-7	0610	Thu	Russian diplo/intel. 11166 40122 64389 27094 03509	FSK 200/1000	(AB-RUS)
F06	13446	2-7	0620	Thu	Russian diplo/intel. 11166 40122 64389 27094 03509	FSK 200/1000	(AB-RUS)
F06	13881	2-7	0700	Thu	Russian diplo/intel. Headers: 11166 70202 28794 01021 01759 and 11166 70202 64318 01022 01839	FSK 200/1000	(AB)
F06	11159	2-7	0710	Thu	Russian diplo/intel. Headers: 11166 70202 28794 01021 01759 and 11166 70202 64318 01022 01839	FSK 200/1000	(AB)
F06	9188	2-7	0720	Thu	Russian diplo/intel. Headers: 11166 70202 28794 01021 01759 and 11166 70202 64318 01022 01839	FSK 200/1000	(AB)
F06	11546	2-7	0800	Thu	Russian diplo/intel. 11166 70048 74563 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9974	2-7	0810	Thu	Russian diplo/intel. 11166 70048 74563 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7915	2-7	0820	Thu	Russian diplo/intel. 11166 70048 74563 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12183	2-7	1200	Thu	Russian diplo/intel. Headers: 11166 70202 28794 01021 01759 and 11166 70202 64318 01022 01839	FSK 200/1000	(AB/MPJ)
F06	10629	2-7	1210	Thu	Russian diplo/intel. Headers: 11166 70202 28794 01021 01759 and 11166 70202 64318 01022 01839	FSK 200/1000	(AB/MPJ)
F06	8138	2-7	1220	Thu	Russian diplo/intel. Headers: 11166 70202 28794 01021 01759 and 11166 70202 64318 01022 01839	FSK 200/1000	(AB/MPJ)
F06	13814	2-7	1330	Thu	Russian diplo/intel. 11166 80214 13457 02009 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11643	2-7	1340	Thu	Russian diplo/intel. 11166 80214 13457 02009 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9925	2-7	1350	Thu	Russian diplo/intel. 11166 80214 13457 02009 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13881	3-7	0700	Fri	Russian diplo/intel. 11166 70202 36985 03031 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11159	3-7	0710	Fri	Russian diplo/intel. 11166 70202 36985 03031 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9188	3-7	0720	Fri	Russian diplo/intel. 11166 70202 36985 03031 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19466	5-7	1530	Sun	Russian diplo/intel. 11166 10053 78451 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	16189	5-7	1540	Sun	Russian diplo/intel. 11166 10053 78451 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13576	5-7	1550	Sun	Russian diplo/intel. 11166 10053 78451 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)

F06	10538	6-7	0400	Mon	Russian diplo/intel. 11166 70059 74123 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8107	6-7	0410	Mon	Russian diplo/intel. 11166 70059 74123 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6791	6-7	0420	Mon	Russian diplo/intel. 11166 70059 74123 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13881	6-7	0700	Mon	Russian diplo/intel. Header: 11166 70202 89542 03023 02279	FSK 200/1000	(AB)
F06	11159	6-7	0710	Mon	Russian diplo/intel. Header: 11166 70202 89542 03023 02279	FSK 200/1000	(AB)
F06	9188	6-7	0720	Mon	Russian diplo/intel. Header: 11166 70202 89542 03023 02279	FSK 200/1000	(AB)
F06	12183	6-7	1200	Mon	Russian diplo/intel. Header: 11166 70202 89542 03023 02279	FSK 200/1000	(AB/MPJ)
F06	10629	6-7	1210	Mon	Russian diplo/intel. Header: 11166 70202 89542 03023 02279	FSK 200/1000	(AB/MPJ)
F06	8138	6-7	1220	Mon	Russian diplo/intel. Header: 11166 70202 89542 03023 02279	FSK 200/1000	(AB/MPJ)
F06	11469	7-7	0030	Tue	Russian diplo/intel. 11166 60070 63481 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9293	7-7	0040	Tue	Russian diplo/intel. 11166 60070 63481 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7843	7-7	0050	Tue	Russian diplo/intel. 11166 60070 63481 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13881	7-7	0700	Tue	Russian diplo/intel. Headers: 11166 70202 15984 06024 01859 and 11166 70202 31854 06025 01779	FSK 200/1000	(AB)
F06	11159	7-7	0710	Tue	Russian diplo/intel. Headers: 11166 70202 15984 06024 01859 and 11166 70202 31854 06025 01779	FSK 200/1000	(AB)
F06	9188	7-7	0720	Tue	Russian diplo/intel. Headers: 11166 70202 15984 06024 01859 and 11166 70202 31854 06025 01779	FSK 200/1000	(AB)
F06	12183	7-7	1200	Tue	Russian diplo/intel. Headers: 11166 70202 15984 06024 01859 and 11166 70202 31854 06025 01779	FSK 200/1000	(AB)
F06	10629	7-7	1210	Tue	Russian diplo/intel. Headers: 11166 70202 15984 06024 01859 and 11166 70202 31854 06025 01779	FSK 200/1000	(AB)
F06	8138	7-7	1220	Tue	Russian diplo/intel. Headers: 11166 70202 15984 06024 01859 and 11166 70202 31854 06025 01779	FSK 200/1000	(AB)
F06	19535	7-7	1650	Tue	Russian diplo/intel. 11166 10053 15987 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	16348	7-7	1700	Tue	Russian diplo/intel. 11166 10053 15987 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	13588	7-7	1710	Tue	Russian diplo/intel. 11166 10053 15987 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	13446	8-7	0620	Wed	Russian diplo/intel. Headers: 11166 40122 92576 04095 02609 and 11166 40122 98431 04096 03269	FSK 200/1000	(AB-KOR)
F06	13881	8-7	0700	Wed	Russian diplo/intel. Header: 11166 70202 13458 07026 02339	FSK 200/1000	(AB)
F06	11159	8-7	0710	Wed	Russian diplo/intel. Header: 11166 70202 13458 07026 02339	FSK 200/1000	(AB)
F06	9188	8-7	0720	Wed	Russian diplo/intel. Header: 11166 70202 13458 07026 02339	FSK 200/1000	(AB)
F06	15634	8-7	0800	Wed	Russian diplo/intel. Header: 11166 00052 95364 08064 03009	FSK 200/1000	(AB)
F06	13596	8-7	0810	Wed	Russian diplo/intel. Header: 11166 00052 95364 08064 03009	FSK 200/1000	(AB)
F06	11466	8-7	0820	Wed	Russian diplo/intel. Header: 11166 00052 95364 08064 03009	FSK 200/1000	(AB/SP1)
F06	12183	8-7	1200	Wed	Russian diplo/intel. Header: 11166 70202 13458 07026 02339	FSK 200/1000	(AB/MPJ)
F06	10629	8-7	1210	Wed	Russian diplo/intel. Header: 11166 70202 13458 07026 02339	FSK 200/1000	(AB/MPJ)
F06	8138	8-7	1220	Wed	Russian diplo/intel. Header: 11166 70202 13458 07026 02339	FSK 200/1000	(AB/MPJ)
F06	17419	9-7	0600	Thu	Russian diplo/intel. Headers: 11166 40122 92576 04095 02609 and 11166 40122 98431 04096 03269	FSK 200/1000	(AB-RUS)

F06	15707	9-7	0610	Thu	Russian diplo/intel. Headers: 11166 40122 92576 04095 02609 and 11166 40122 98431 04096 03269	FSK 200/1000	(AB-RUS)
F06	13446	9-7	0620	Thu	Russian diplo/intel. Headers: 11166 40122 92576 04095 02609 and 11166 40122 98431 04096 03269	FSK 200/1000	(AB-RUS)
F06	13881	9-7	0700	Thu	Russian diplo/intel. Headers: 11166 70202 46871 08027 01739 and 11166 70202 35472 08028 01879	FSK 200/1000	(AB)
F06	11159	9-7	0710	Thu	Russian diplo/intel. Headers: 11166 70202 46871 08027 01739 and 11166 70202 35472 08028 01879	FSK 200/1000	(AB)
F06	9188	9-7	0720	Thu	Russian diplo/intel. Headers: 11166 70202 46871 08027 01739 and 11166 70202 35472 08028 01879	FSK 200/1000	(AB)
F06	15634	9-7	0800	Thu	Russian diplo/intel. Header: 11166 00052 95364 08064 03009	FSK 200/1000	(AB)
F06	11546	9-7	0800	Thu	Russian diplo/intel. 11166 70048 96748 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13596	9-7	0810	Thu	Russian diplo/intel. Header: 11166 00052 95364 08064 03009	FSK 200/1000	(AB)
F06	9974	9-7	0810	Thu	Russian diplo/intel. 11166 70048 96748 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11466	9-7	0820	Thu	Russian diplo/intel. Header: 11166 00052 95364 08064 03009	FSK 200/1000	(AB)
F06	7915	9-7	0820	Thu	Russian diplo/intel. 11166 70048 96748 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12183	9-7	1200	Thu	Russian diplo/intel. Headers: 11166 70202 46871 08027 01739 and 11166 70202 35472 08028 01879	FSK 200/1000	(AB/MPJ)
F06	10629	9-7	1210	Thu	Russian diplo/intel. Headers: 11166 70202 46871 08027 01739 and 11166 70202 35472 08028 01879	FSK 200/1000	(AB/MPJ)
F06	8138	9-7	1220	Thu	Russian diplo/intel. Headers: 11166 70202 46871 08027 01739 and 11166 70202 35472 08028 01879	FSK 200/1000	(AB/MPJ)
F06	13814	9-7	1330	Thu	Russian diplo/intel. 11166 80214 62918 09045 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11643	9-7	1340	Thu	Russian diplo/intel. 11166 80214 62918 09045 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9925	9-7	1350	Thu	Russian diplo/intel. 11166 80214 62918 09045 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13881	10-7	0700	Fri	Russian diplo/intel. 11166 70202 81597 10039 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11159	10-7	0710	Fri	Russian diplo/intel. 11166 70202 81597 10039 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9188	10-7	0720	Fri	Russian diplo/intel. 11166 70202 81597 10039 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19466	12-7	1530	Sun	Russian diplo/intel. Header: 11166 10053 65493 10067 01529	FSK 200/1000	(AB/MPJ/RL-G)
F06	16189	12-7	1540	Sun	Russian diplo/intel. Header: 11166 10053 65493 10067 01529	FSK 200/1000	(AB/MPJ)
F06	13576	12-7	1550	Sun	Russian diplo/intel. Header: 11166 10053 65493 10067 01529	FSK 200/1000	(AB/MPJ)
F06	13881	13-7	0700	Mon	Russian diplo/intel. Header: 11166 70202 27591 10029 02499	FSK 200/1000	(AB/SP1)
F06	11159	13-7	0710	Mon	Russian diplo/intel. Header: 11166 70202 27591 10029 02499	FSK 200/1000	(AB)
F06	9188	13-7	0720	Mon	Russian diplo/intel. Header: 11166 70202 27591 10029 02499	FSK 200/1000	(AB)
F06	12183	13-7	1200	Mon	Russian diplo/intel. Header: 11166 70202 27591 10029 02499	FSK 200/1000	(AB/RL-D)
F06	10629	13-7	1210	Mon	Russian diplo/intel. Header: 11166 70202 27591 10029 02499	FSK 200/1000	(AB)
F06	8138	13-7	1220	Mon	Russian diplo/intel. Header: 11166 70202 27591 10029 02499	FSK 200/1000	(AB)
F06	19466	13-7	1530	Mon	Russian diplo/intel. Header: 11166 10053 65493 10067 01529	FSK 200/1000	(AB/RL-D)
F06	16189	13-7	1540	Mon	Russian diplo/intel. Header: 11166 10053 65493 10067 01529	FSK 200/1000	(AB/RL-D)
F06	13576	13-7	1550	Mon	Russian diplo/intel. Header: 11166 10053 65493 10067 01529	FSK 200/1000	(AB)

F06	11469	14-7	0030	Tue	Russian diplo/intel. 11166 60070 13579 14075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9293	14-7	0040	Tue	Russian diplo/intel. 11166 60070 13579 14075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7843	14-7	0050	Tue	Russian diplo/intel. 11166 60070 13579 14075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13881	14-7	0700	Tue	Russian diplo/intel. Headers: 11166 70202 45638 13030 02539 and 11166 70202 12395 13031 01669	FSK 200/1000	(AB)
F06	11159	14-7	0710	Tue	Russian diplo/intel. Headers: 11166 70202 45638 13030 02539 and 11166 70202 12395 13031 01669	FSK 200/1000	(AB)
F06	9188	14-7	0720	Tue	Russian diplo/intel. Headers: 11166 70202 45638 13030 02539 and 11166 70202 12395 13031 01669	FSK 200/1000	(AB)
F06	12183	14-7	1200	Tue	Russian diplo/intel. Headers: 11166 70202 45638 13030 02539 and 11166 70202 12395 13031 01669	FSK 200/1000	(AB)
F06	10629	14-7	1210	Tue	Russian diplo/intel. Headers: 11166 70202 45638 13030 02539 and 11166 70202 12395 13031 01669	FSK 200/1000	(AB)
F06	8138	14-7	1220	Tue	Russian diplo/intel. Headers: 11166 70202 45638 13030 02539 and 11166 70202 12395 13031 01669	FSK 200/1000	(AB)
F06	19535	14-7	1650	Tue	Russian diplo/intel. 11166 10053 85632 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	16348	14-7	1700	Tue	Russian diplo/intel. 11166 10053 85632 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	13588	14-7	1710	Tue	Russian diplo/intel. 11166 10053 85632 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	17419	15-7	0600	Wed	Russian diplo/intel. 11166 40122 15478 15069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR)
F06	15707	15-7	0610	Wed	Russian diplo/intel. 11166 40122 15478 15069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR)
F06	13446	15-7	0620	Wed	Russian diplo/intel. 11166 40122 15478 15069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR)
F06	13881	15-7	0700	Wed	Russian diplo/intel. Header: 11166 70202 13487 14032 02739	FSK 200/1000	(AB)
F06	11159	15-7	0710	Wed	Russian diplo/intel. Header: 11166 70202 13487 14032 02739	FSK 200/1000	(AB)
F06	9188	15-7	0720	Wed	Russian diplo/intel. Header: 11166 70202 13487 14032 02739	FSK 200/1000	(AB)
F06	12183	15-7	1200	Wed	Russian diplo/intel. Header: 11166 70202 13487 14032 02739	FSK 200/1000	(AB)
F06	10629	15-7	1210	Wed	Russian diplo/intel. Header: 11166 70202 13487 14032 02739	FSK 200/1000	(AB)
F06	8138	15-7	1220	Wed	Russian diplo/intel. Header: 11166 70202 13487 14032 02739	FSK 200/1000	(AB)
F06	13881	16-7	0700	Thu	Russian diplo/intel. Headers: 11166 70202 15786 15033 02479 and 11166 70202 92574 15034 01659	FSK 200/1000	(AB)
F06	11159	16-7	0710	Thu	Russian diplo/intel. Headers: 11166 70202 15786 15033 02479 and 11166 70202 92574 15034 01659	FSK 200/1000	(AB)
F06	9188	16-7	0720	Thu	Russian diplo/intel. Headers: 11166 70202 15786 15033 02479 and 11166 70202 92574 15034 01659	FSK 200/1000	(AB)
F06	11546	16-7	0800	Thu	Russian diplo/intel. 11166 70048 14789 16016 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9974	16-7	0810	Thu	Russian diplo/intel. 11166 70048 14789 16016 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7915	16-7	0820	Thu	Russian diplo/intel. 11166 70048 14789 16016 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12183	16-7	1200	Thu	Russian diplo/intel. Headers: 11166 70202 15786 15033 02479 and 11166 70202 92574 15034 01659	FSK 200/1000	(AB)
F06	10629	16-7	1210	Thu	Russian diplo/intel. Headers: 11166 70202 15786 15033 02479 and 11166 70202 92574 15034 01659	FSK 200/1000	(AB/RL-D)

F06	8138	16-7	1220	Thu	Russian diplo/intel. Headers: 11166 70202 15786 15033 02479 and 11166 70202 92574 15034 01659	FSK 200/1000	(AB)
F06	13814	16-7	1330	Thu	Russian diplo/intel. 11166 80214 35782 16049 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11643	16-7	1340	Thu	Russian diplo/intel. 11166 80214 35782 16049 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9925	16-7	1350	Thu	Russian diplo/intel. 11166 80214 35782 16049 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL-D)
F06	13881	17-7	0700	Fri	Russian diplo/intel. 11166 70202 91562 17042 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11159	17-7	0710	Fri	Russian diplo/intel. 11166 70202 91562 17042 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9188	17-7	0720	Fri	Russian diplo/intel. 11166 70202 91562 17042 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19466	19-7	1530	Sun	Russian diplo/intel. Header: 11166 10053 51397 15068 01769	FSK 200/1000	(AB/MPJ)
F06	16189	19-7	1540	Sun	Russian diplo/intel. Header: 11166 10053 51397 15068 01769	FSK 200/1000	(AB/MPJ)
F06	13576	19-7	1550	Sun	Russian diplo/intel. Header: 11166 10053 51397 15068 01769	FSK 200/1000	(AB/MPJ)
F06	10538	20-7	0400	Mon	Russian diplo/intel. 11166 70059 14789 20021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8107	20-7	0410	Mon	Russian diplo/intel. 11166 70059 14789 20021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6791	20-7	0420	Mon	Russian diplo/intel. 11166 70059 14789 20021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13881	20-7	0700	Mon	Russian diplo/intel. Header: 11166 70202 14892 17035 02619	FSK 200/1000	(AB)
F06	11159	20-7	0710	Mon	Russian diplo/intel. Header: 11166 70202 14892 17035 02619	FSK 200/1000	(AB)
F06	9188	20-7	0720	Mon	Russian diplo/intel. Header: 11166 70202 14892 17035 02619	FSK 200/1000	(AB)
F06	12183	20-7	1200	Mon	Russian diplo/intel. Header: 11166 70202 14892 17035 02619	FSK 200/1000	(AB)
F06	10629	20-7	1210	Mon	Russian diplo/intel. Header: 11166 70202 14892 17035 02619	FSK 200/1000	(AB)
F06	8138	20-7	1220	Mon	Russian diplo/intel. Header: 11166 70202 14892 17035 02619	FSK 200/1000	(AB)
F06	19466	20-7	1530	Mon	Russian diplo/intel. Header: 11166 10053 51397 15068 01769	FSK 200/1000	(AB)
F06	16189	20-7	1540	Mon	Russian diplo/intel. Header: 11166 10053 51397 15068 01769	FSK 200/1000	(AB)
F06	13576	20-7	1550	Mon	Russian diplo/intel. Header: 11166 10053 51397 15068 01769	FSK 200/1000	(AB)
F06	11469	21-7	0030	Tue	Russian diplo/intel. 11166 60070 78451 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9293	21-7	0040	Tue	Russian diplo/intel. 11166 60070 78451 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7843	21-7	0050	Tue	Russian diplo/intel. 11166 60070 78451 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13881	21-7	0700	Tue	Russian diplo/intel. Headers: 11166 70202 13529 20036 01519 and 11166 70202 85327 20037 01699	FSK 200/1000	(AB)
F06	11159	21-7	0710	Tue	Russian diplo/intel. Headers: 11166 70202 13529 20036 01519 and 11166 70202 85327 20037 01699	FSK 200/1000	(AB)
F06	9188	21-7	0720	Tue	Russian diplo/intel. Headers: 11166 70202 13529 20036 01519 and 11166 70202 85327 20037 01699	FSK 200/1000	(AB)
F06	12183	21-7	1200	Tue	Russian diplo/intel. Headers: 11166 70202 13529 20036 01519 and 11166 70202 85327 20037 01699	FSK 200/1000	(AB)
F06	10629	21-7	1210	Tue	Russian diplo/intel. Headers: 11166 70202 13529 20036 01519 and 11166 70202 85327 20037 01699	FSK 200/1000	(AB)
F06	8138	21-7	1220	Tue	Russian diplo/intel. Headers: 11166 70202 13529 20036 01519 and 11166 70202 85327 20037 01699	FSK 200/1000	(AB)
F06	19535	21-7	1650	Tue	Russian diplo/intel. Header: 11166 10053 97653 15071 01769	FSK 200/1000	(MPJ)
F06	16348	21-7	1700	Tue	Russian diplo/intel. Header: 11166 10053 97653 15071 01769	FSK 200/1000	(MPJ)

F06	13588	21-7	1710	Tue	Russian diplo/intel. Header: 11166 10053 97653 15071 01769	FSK 200/1000	(MPJ)
F06	17419	22-7	0600	Wed	Russian diplo/intel. Header: 11166 40122 12573 18097 03689	FSK 200/1000	(AB-RUS)
F06	15707	22-7	0610	Wed	Russian diplo/intel. Header: 11166 40122 12573 18097 03689	FSK 200/1000	(AB-J)
F06	13446	22-7	0620	Wed	Russian diplo/intel. Header: 11166 40122 12573 18097 03689	FSK 200/1000	(AB-KOR)
F06	13881	22-7	0700	Wed	Russian diplo/intel. Header: 11166 70202 95638 21038 02359	FSK 200/1000	(AB)
F06	11159	22-7	0710	Wed	Russian diplo/intel. Header: 11166 70202 95638 21038 02359	FSK 200/1000	(AB)
F06	9188	22-7	0720	Wed	Russian diplo/intel. Header: 11166 70202 95638 21038 02359	FSK 200/1000	(AB)
F06	15634	22-7	0800	Wed	Russian diplo/intel. Header: 11166 00052 90875 22065 02529	FSK 200/1000	(AB)
F06	13596	22-7	0810	Wed	Russian diplo/intel. Header: 11166 00052 90875 22065 02529	FSK 200/1000	(AB)
F06	11466	22-7	0820	Wed	Russian diplo/intel. Header: 11166 00052 90875 22065 02529	FSK 200/1000	(AB)
F06	12183	22-7	1200	Wed	Russian diplo/intel. Header: 11166 70202 95638 21038 02359	FSK 200/1000	(AB)
F06	10629	22-7	1210	Wed	Russian diplo/intel. Header: 11166 70202 95638 21038 02359	FSK 200/1000	(AB)
F06	8138	22-7	1220	Wed	Russian diplo/intel. Header: 11166 70202 95638 21038 02359	FSK 200/1000	(AB)
F06	19535	22-7	1650	Wed	Russian diplo/intel. Header: 11166 10053 97653 15071 01769	FSK 200/1000	(AB-RUS)
F06	16348	22-7	1700	Wed	Russian diplo/intel. Header: 11166 10053 97653 15071 01769	FSK 200/1000	(AB-RUS)
F06	13588	22-7	1710	Wed	Russian diplo/intel. Header: 11166 10053 97653 15071 01769	FSK 200/1000	(AB)
F06	17419	23-7	0600	Thu	Russian diplo/intel. Header: 11166 40122 12573 18097 03689	FSK 200/1000	(AB-RUS)
F06	15707	23-7	0610	Thu	Russian diplo/intel. Header: 11166 40122 12573 18097 03689	FSK 200/1000	(AB-J)
F06	13446	23-7	0620	Thu	Russian diplo/intel. Header: 11166 40122 12573 18097 03689	FSK 200/1000	(AB-KOR)
F06	13881	23-7	0700	Thu	Russian diplo/intel. Headers: 11166 70202 28459 22039 01539 and 11166 70202 34759 22040 01799	FSK 200/1000	(AB)
F06	11159	23-7	0710	Thu	Russian diplo/intel. Headers: 11166 70202 28459 22039 01539 and 11166 70202 34759 22040 01799	FSK 200/1000	(AB)
F06	9188	23-7	0720	Thu	Russian diplo/intel. Headers: 11166 70202 28459 22039 01539 and 11166 70202 34759 22040 01799	FSK 200/1000	(AB)
F06	15634	23-7	0800	Thu	Russian diplo/intel. Header: 11166 00052 90875 22065 02529	FSK 200/1000	(AB)
F06	11546	23-7	0800	Thu	Russian diplo/intel. 11166 70048 78451 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13596	23-7	0810	Thu	Russian diplo/intel. Header: 11166 00052 90875 22065 02529	FSK 200/1000	(AB)
F06	9974	23-7	0810	Thu	Russian diplo/intel. 11166 70048 78451 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7915	23-7	0820	Thu	Russian diplo/intel. 11166 70048 78451 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11466	23-7	0820	Thu	Russian diplo/intel. Header: 11166 00052 90875 22065 02529	FSK 200/1000	(AB)
F06	12183	23-7	1200	Thu	Russian diplo/intel. Headers: 11166 70202 28459 22039 01539 and 11166 70202 34759 22040 01799	FSK 200/1000	(AB/MPJ)
F06	10629	23-7	1210	Thu	Russian diplo/intel. Headers: 11166 70202 28459 22039 01539 and 11166 70202 34759 22040 01799	FSK 200/1000	(AB/MPJ)
F06	8138	23-7	1220	Thu	Russian diplo/intel. Headers: 11166 70202 28459 22039 01539 and 11166 70202 34759 22040 01799	FSK 200/1000	(AB/MPJ)
F06	13814	23-7	1330	Thu	Russian diplo/intel. 11166 80214 13457 23014 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11643	23-7	1340	Thu	Russian diplo/intel. 11166 80214 13457 23014 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9925	23-7	1350	Thu	Russian diplo/intel. 11166 80214 13457 23014 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	13881	24-7	0700	Fri	Russian diplo/intel. 11166 70202 28791 24057 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11159	24-7	0710	Fri	Russian diplo/intel. 11166 70202 28791 24057 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9188	24-7	0720	Fri	Russian diplo/intel. 11166 70202 28791 24057 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19466	26-7	1530	Sun	Russian diplo/intel. 11166 10053 13579 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	16189	26-7	1540	Sun	Russian diplo/intel. 11166 10053 13579 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13576	26-7	1550	Sun	Russian diplo/intel. 11166 10053 13579 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13881	27-7	0700	Mon	Russian diplo/intel. Header: 11166 70202 15489 24041 02459	FSK 200/1000	(AB)
F06	11159	27-7	0710	Mon	Russian diplo/intel. Header: 11166 70202 15489 24041 02459	FSK 200/1000	(AB)
F06	9188	27-7	0720	Mon	Russian diplo/intel. Header: 11166 70202 15489 24041 02459	FSK 200/1000	(AB)
F06	12183	27-7	1200	Mon	Russian diplo/intel. Header: 11166 70202 15489 24041 02459	FSK 200/1000	(AB)
F06	10629	27-7	1210	Mon	Russian diplo/intel. Header: 11166 70202 15489 24041 02459	FSK 200/1000	(AB)
F06	8138	27-7	1220	Mon	Russian diplo/intel. Header: 11166 70202 15489 24041 02459	FSK 200/1000	(AB)
F06	11469	28-7	0030	Tue	Russian diplo/intel. 11166 60070 85147 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9293	28-7	0040	Tue	Russian diplo/intel. 11166 60070 85147 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7843	28-7	0050	Tue	Russian diplo/intel. 11166 60070 85147 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13881	28-7	0700	Tue	Russian diplo/intel. Headers: 11166 70202 95631 27042 01779 and 11166 70202 15647 27043 02039	FSK 200/1000	(AB)
F06	11159	28-7	0710	Tue	Russian diplo/intel. Headers: 11166 70202 95631 27042 01779 and 11166 70202 15647 27043 02039	FSK 200/1000	(AB)
F06	9188	28-7	0720	Tue	Russian diplo/intel. Headers: 11166 70202 95631 27042 01779 and 11166 70202 15647 27043 02039	FSK 200/1000	(AB)
F06	12183	28-7	1200	Tue	Russian diplo/intel. Headers: 11166 70202 95631 27042 01779 and 11166 70202 15647 27043 02039	FSK 200/1000	(AB)
F06	10629	28-7	1210	Tue	Russian diplo/intel. Headers: 11166 70202 95631 27042 01779 and 11166 70202 15647 27043 02039	FSK 200/1000	(AB)
F06	8138	28-7	1220	Tue	Russian diplo/intel. Headers: 11166 70202 95631 27042 01779 and 11166 70202 15647 27043 02039	FSK 200/1000	(AB)
F06	17419	29-7	0600	Wed	Russian diplo/intel. Headers: 11166 40122 26841 25098 03059 and 11166 40122 35782 25099 02919	FSK 200/1000	(AB-RUS)
F06	15707	29-7	0610	Wed	Russian diplo/intel. Headers: 11166 40122 26841 25098 03059 and 11166 40122 35782 25099 02919	FSK 200/1000	(AB-J)
F06	13446	29-7	0620	Wed	Russian diplo/intel. Headers: 11166 40122 26841 25098 03059 and 11166 40122 35782 25099 02919	FSK 200/1000	(AB-J)
F06	13881	29-7	0700	Wed	Russian diplo/intel. Header: 11166 70202 21753 28044 02299	FSK 200/1000	(AB)
F06	11159	29-7	0710	Wed	Russian diplo/intel. Header: 11166 70202 21753 28044 02299	FSK 200/1000	(AB)
F06	9188	29-7	0720	Wed	Russian diplo/intel. Header: 11166 70202 21753 28044 02299	FSK 200/1000	(AB)
F06	12183	29-7	1200	Wed	Russian diplo/intel. Header: 11166 70202 21753 28044 02299	FSK 200/1000	(AB)
F06	10629	29-7	1210	Wed	Russian diplo/intel. Header: 11166 70202 21753 28044 02299	FSK 200/1000	(AB)
F06	8138	29-7	1220	Wed	Russian diplo/intel. Header: 11166 70202 21753 28044 02299	FSK 200/1000	(AB)

F06	17419	30-7	0600	Thu	Russian diplo/intel. Headers: 11166 40122 26841 25098 03059 and 11166 40122 35782 25099 02919	FSK 200/1000	(AB-VTN)
F06	15707	30-7	0610	Thu	Russian diplo/intel. Headers: 11166 40122 26841 25098 03059 and 11166 40122 35782 25099 02919	FSK 200/1000	(AB-J)
F06	13446	30-7	0620	Thu	Russian diplo/intel. Headers: 11166 40122 26841 25098 03059 and 11166 40122 35782 25099 02919	FSK 200/1000	(AB-J)
F06	13881	30-7	0700	Thu	Russian diplo/intel. Headers: 11166 70202 17853 29045 01599 and 11166 70202 24317 29046 01959	FSK 200/1000	(AB)
F06	11159	30-7	0710	Thu	Russian diplo/intel. Headers: 11166 70202 17853 29045 01599 and 11166 70202 24317 29046 01959	FSK 200/1000	(AB)
F06	9188	30-7	0720	Thu	Russian diplo/intel. Headers: 11166 70202 17853 29045 01599 and 11166 70202 24317 29046 01959	FSK 200/1000	(AB)
F06	11546	30-7	0800	Thu	Russian diplo/intel. 11166 70048 96358 30001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9974	30-7	0810	Thu	Russian diplo/intel. 11166 70048 96358 30001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7915	30-7	0820	Thu	Russian diplo/intel. 11166 70048 96358 30001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12183	30-7	1200	Thu	Russian diplo/intel. Headers: 11166 70202 17853 29045 01599 and 11166 70202 24317 29046 01959	FSK 200/1000	(AB/MPJ)
F06	10629	30-7	1210	Thu	Russian diplo/intel. Headers: 11166 70202 17853 29045 01599 and 11166 70202 24317 29046 01959	FSK 200/1000	(AB/MPJ)
F06	8138	30-7	1220	Thu	Russian diplo/intel. Headers: 11166 70202 17853 29045 01599 and 11166 70202 24317 29046 01959	FSK 200/1000	(AB/MPJ)
F06	13814	30-7	1330	Thu	Russian diplo/intel. 11166 80214 92731 30022 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11643	30-7	1340	Thu	Russian diplo/intel. 11166 80214 92731 30022 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9925	30-7	1350	Thu	Russian diplo/intel. 11166 80214 92731 30022 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13881	31-7	0700	Fri	Russian diplo/intel. 11166 70202 15872 31051 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11159	31-7	0710	Fri	Russian diplo/intel. 11166 70202 15872 31051 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9188	31-7	0720	Fri	Russian diplo/intel. 11166 70202 15872 31051 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06a	7377	2-7	0400	Thu	Russian diplo/intel. File 44429 (864 bytes)	USB	(AB)
F06a	6837	2-7	0415	Thu	Russian diplo/intel. File 44429 (864 bytes)	USB	(AB)
F06a	5329	2-7	0430	Thu	Russian diplo/intel. File 44429 (864 bytes)	USB	(AB-RUS)
F06a	7377	3-7	0400	Fri	Russian diplo/intel. File 44429 (864 bytes)	USB	(AB)
F06a	6837	3-7	0415	Fri	Russian diplo/intel. File 44429 (864 bytes)	USB	(AB)
F06a	5329	3-7	0430	Fri	Russian diplo/intel. File 44429 (864 bytes)	USB	(AB-RUS)
F06a	18516	4-7	2100	Sat	Russian diplo/intel. File 04423 (912 bytes)	FSK 200/1000	(AB-RUS/RL)
F06a	14878	4-7	2115	Sat	Russian diplo/intel. File 04423 (912 bytes)	FSK 200/1000	(AB/RL)
F06a	12119	4-7	2130	Sat	Russian diplo/intel. File 04423 (912 bytes)	FSK 200/1000	(AB/RL)
F06a	18516	5-7	2100	Sun	Russian diplo/intel. File 04423 (912 bytes)	FSK 200/1000	(AB-RUS)
F06a	14878	5-7	2115	Sun	Russian diplo/intel. File 04423 (912 bytes)	FSK 200/1000	(AB/RL)
F06a	12119	5-7	2130	Sun	Russian diplo/intel. File 04423 (912 bytes)	FSK 200/1000	(AB/RL)
F06a	7377	9-7	0400	Thu	Russian diplo/intel. File 04430 (1488 bytes)	USB	(AB)

F06a	6837	9-7	0415	Thu	Russian diplo/intel. File 04430 (1488 bytes)	USB	(AB)
F06a	5329	9-7	0430	Thu	Russian diplo/intel. File 04430 (1488 bytes)	USB	(AB-RUS)
F06a	7377	10-7	0400	Fri	Russian diplo/intel. File 04430 (1488 bytes)	USB	(AB)
F06a	6837	10-7	0415	Fri	Russian diplo/intel. File 04430 (1488 bytes)	USB	(AB)
F06a	5329	10-7	0430	Fri	Russian diplo/intel. File 04430 (1488 bytes)	USB	(AB-RUS)
F06a	18516	11-7	2100	Sat	Russian diplo/intel. File 04424 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	14878	11-7	2115	Sat	Russian diplo/intel. File 04424 (1024 bytes)	FSK 200/1000	(AB/RL)
F06a	12119	11-7	2130	Sat	Russian diplo/intel. File 04424 (1024 bytes)	FSK 200/1000	(AB/RL)
F06a	18516	12-7	2100	Sun	Russian diplo/intel. File 04424 (1024 bytes)	FSK 200/1000	(AB-RUS/RL)
F06a	14878	12-7	2115	Sun	Russian diplo/intel. File 04424 (1024 bytes)	FSK 200/1000	(AB/RL)
F06a	12119	12-7	2130	Sun	Russian diplo/intel. File 04424 (1024 bytes)	FSK 200/1000	(AB/RL)
F06a	7377	16-7	0400	Thu	Russian diplo/intel. File 04431 (1344 bytes)	USB	(AB)
F06a	6837	16-7	0415	Thu	Russian diplo/intel. File 04431 (1344 bytes)	USB	(AB)
F06a	5329	16-7	0430	Thu	Russian diplo/intel. File 04431 (1344 bytes)	USB	(AB)
F06a	7377	17-7	0400	Fri	Russian diplo/intel. File 04431 (1344 bytes)	USB	(AB)
F06a	6837	17-7	0415	Fri	Russian diplo/intel. File 04431 (1344 bytes)	USB	(AB)
F06a	5329	17-7	0430	Fri	Russian diplo/intel. File 04431 (1344 bytes)	USB	(AB)
F06a	18516	18-7	2100	Sat	Russian diplo/intel. File 04425 (848 bytes)	FSK 200/1000	(AB-RUS)
F06a	14878	18-7	2115	Sat	Russian diplo/intel. File 04425 (848 bytes)	FSK 200/1000	(AB)
F06a	12119	18-7	2130	Sat	Russian diplo/intel. File 04425 (848 bytes)	FSK 200/1000	(AB/RL)
F06a	18516	19-7	2100	Sun	Russian diplo/intel. File 04425 (848 bytes)	FSK 200/1000	(AB)
F06a	14878	19-7	2115	Sun	Russian diplo/intel. File 04425 (848 bytes)	FSK 200/1000	(AB)
F06a	12119	19-7	2130	Sun	Russian diplo/intel. File 04425 (848 bytes)	FSK 200/1000	(AB)
F06a	7377	23-7	0400	Thu	Russian diplo/intel. File 04432 (1536 bytes)	USB	(AB)
F06a	6837	23-7	0415	Thu	Russian diplo/intel. File 04432 (1536 bytes)	USB	(AB)
F06a	5329	23-7	0430	Thu	Russian diplo/intel. File 04432 (1536 bytes)	USB	(AB)
F06a	7377	24-7	0400	Fri	Russian diplo/intel. File 04432 (1536 bytes)	USB	(AB)
F06a	6837	24-7	0415	Fri	Russian diplo/intel. File 04432 (1536 bytes)	USB	(AB)
F06a	5329	24-7	0430	Fri	Russian diplo/intel. File 04432 (1536 bytes)	USB	(AB)
F06a	18516	25-7	2100	Sat	Russian diplo/intel. File 04426 (1056 bytes)	FSK 200/1000	(AB-RUS)
F06a	14878	25-7	2115	Sat	Russian diplo/intel. File 04426 (1056 bytes)	FSK 200/1000	(AB)
F06a	12119	25-7	2130	Sat	Russian diplo/intel. File 04426 (1056 bytes)	FSK 200/1000	(AB/RL)
F06a	18516	26-7	2100	Sun	Russian diplo/intel. File 04426 (1056 bytes)	FSK 200/1000	(AB-RUS)
F06a	14878	26-7	2115	Sun	Russian diplo/intel. File 04426 (1056 bytes)	FSK 200/1000	(AB/RL)
F06a	12119	26-7	2130	Sun	Russian diplo/intel. File 04426 (1056 bytes)	FSK 200/1000	(AB/RL)
F06a	7377	30-7	0400	Thu	Russian diplo/intel. File 04433 (1216 bytes)	USB	(AB)
F06a	6837	30-7	0415	Thu	Russian diplo/intel. File 04433 (1216 bytes)	USB	(AB)
F06a	5329	30-7	0430	Thu	Russian diplo/intel. File 04433 (1216 bytes)	USB	(AB)
F06a	7377	31-7	0400	Fri	Russian diplo/intel. File 04433 (1216 bytes)	USB	(AB)
F06a	6837	31-7	0415	Fri	Russian diplo/intel. File 04433 (1216 bytes)	USB	(AB)

F06a	5329	31-7	0430	Fri	Russian diplo/intel. File 04433 (1216 bytes)	USB	(AB)
G06	6887	9-7	1741	Thu	111 111 111 000	USB	(AB)
G06	6887	9-7	1743	Thu	111 111 111 000	USB	(AB)
G06	6887	9-7	1819	Thu	111 111 111 000	USB	(AB)
G06	6887	9-7	1830	Thu	842 329 42 75325 89358 44298 ... 98545 32526 95685 329 42 0000	USB	(AB/MPJ)
G06	5951	10-7	1930	Fri	218 329 42 75325 89358 44298 ... 98545 32526 95685 329 42 0000 Windows XP error sound	USB	(AB)
G06	6887	23-7	1830	Thu	842 682 45 55478 65235 64582 ... 46885 02454 24110 682 45 00000	USB	(AB/MPJ)
G06	5933	24-7	1930	Fri	218 682 45 55478 65235 64582 ... 46885 02454 24110 682 45 00000 Windows XP shut down sound	USB	(AB/MPJ)
HM01	10860	1-7	0504	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April) Late start	AM/RDFT	(AB)
HM01	9330	1-7	0700	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	1-7	0800	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	1-7	0900	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	1-7	1630	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	1-7	2059	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11435	2-7	1600	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	17480	2-7	2200	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(DAM/RL)
HM01	9330	3-7	0700	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	3-7	0800	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	3-7	1600	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	3-7	1600	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	3-7	1600	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	4-7	1600	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	16180	4-7	2100	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(Dan)
HM01	9330	5-7	0700	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	5-7	0800	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	5-7	0900	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	5-7	1600	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	10715	5-7	2200	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(DAM/RL)
HM01	9330	6-7	0700	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	6-7	0800	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April) Should be on 9065 kHz	AM/RDFT	(AB/FT)
HM01	9240	6-7	0900	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9155	6-7	1000	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	6-7	1600	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	6-7	2059	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10715	6-7	2159	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11435	7-7	1600	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	10860	8-7	0504	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	8-7	0700	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)

HM01	9065	8-7	0800	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	8-7	0900	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	8-7	1600	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	8-7	2100	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(DAM/RL)
HM01	10715	8-7	2200	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11435	9-7	1600	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	10860	10-7	0530	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	10345	10-7	0600	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	10-7	0700	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	10-7	0800	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11530	10-7	1700	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	10715	10-7	2159	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11435	11-7	1600	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	16180	11-7	2059	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	17480	11-7	2159	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10345	12-7	0600	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	12-7	0700	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	12-7	0800	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11530	12-7	1700	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	10715	12-7	2200	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(Dan)
HM01	9330	13-7	0700	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	13-7	0800	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April) Should be on 9065 kHz	AM/RDFT	(AB)
HM01	9330	13-7	0900	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April) Should be on 9240 kHz	AM/RDFT	(AB)
HM01	9155	13-7	1000	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	13-7	1600	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	13-7	2059	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10715	13-7	2159	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11530	14-7	1700	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11530	15-7	1700	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	15-7	2058	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(Dan/RL)
HM01	10715	15-7	2158	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(Dan/RL)
HM01	11435	16-7	1630	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	9330	17-7	0700	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	17-7	0800	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	17-7	0900	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April) Should be on 9240 kHz	AM/RDFT	(AB)
HM01	9155	17-7	1008	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	17-7	1600	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	17-7	2058	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10715	17-7	2158	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11462	18-7	0530	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)

HM01	11462	18-7	0558	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April) Should be on 14375 kHz	AM/RDFT	(AB)
HM01	14375	18-7	0613	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	13435	18-7	0658	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11635	18-7	0758	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11635	18-7	1800	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	16180	18-7	2059	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	17480	18-7	2159	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10345	19-7	0600	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	19-7	0700	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	19-7	0800	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	19-7	1600	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	10860	20-7	0500	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	20-7	0700	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	20-7	0800	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	20-7	0900	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9155	20-7	1000	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	20-7	1600	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	20-7	2100	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11435	21-7	1600	Tue	01441 68532 35731 30038 48409 70208	AM/RDFT	(RR2)
HM01	17480	21-7	2159	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDTF	(RL/Dan)
HM01	11435	22-7	1600	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	10715	22-7	2159	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL/Dan)
HM01	11435	23-7	1630	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	16180	23-7	2058	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	24-7	1600	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	24-7	2058	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10715	24-7	2158	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11435	25-7	1600	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	10345	26-7	0600	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	26-7	0700	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	26-7	0800	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11530	26-7	1730	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	10715	26-7	2158	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11435	27-7	1613	Mon	up late and already i.p. 01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	27-7	2101	Mon	i.p. 01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10715	27-7	2101	Mon	i.p. 01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11435	28-7	1600	Tue	01441 68532 35731 30038 48409 70208	AM/RDFT	(RR2)
HM01	11435	29-7	1600	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	29-7	2058	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10715	29-7	2158	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)

HM01	11530	30-7	1700	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	16180	30-7	2059	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	17480	30-7	2158	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	9065	31-7	0758	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	31-7	1600	Fri	up late and already i.p. 01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
M01	5280	2-7	1800	Thu	025 173 173 30 30 = = 53316 93168 66724 ... 08868 31302 59149 = = 173 173 30 30 000	CW	(MPJ)
M01	6435	4-7	1500	Sat	025 719 719 30 30 = = 05873 54953 98761 ... 03604 32923 91582 = = 719 719 30 30 000	CW	(AB/MPJ)
M01	6780	5-7	0700	Sun	025 517 517 30 30 = = 38922 61118 39839 ... 31005 13039 68035 = = 517 517 30 30 000	CW	(AB-FIN)
M01	5280	9-7	1800	Thu	025 333 333 30 30 = = 88992 87458 03591 ... 37265 17404 84402 = = 333 333 30 30 000	CW	(MPJ)
M01	6435	11-7	1500	Sat	025 347 347 30 30 = = 12033 22091 69242 ... 90162 66477 25654 = = 347 347 30 30 000	CW	(AB-FIN/MPJ)
M01	6780	12-7	0700	Sun	025 817 817 30 30 = = 08203 (03203) 48220 22258 ... 65097 02047 40710 = = 817 817 30 30 000 Sent 29 groups vs the announced 30.	CW	(AB-FIN)
M01	5280	14-7	1800	Tue	025 187 187 30 30 = = 68565 28059 47478 ... 48615 95817 31534 = = 187 187 30 30 000	CW	(AB-FIN/MPJ)
M01	4905	14-7	2000	Tue	025 261 261 30 30 = = 79858 57729 34880 ... 65275 11757 45359 = = 261 261 30 30 000	CW	(AB)
M01	5280	16-7	1800	Thu	025 332 332 30 (long 0) 30 (short 0) = = 02969 88411 71903 ... 54881 27966 02607 = = 332 332 30 30 000	CW	(AB/MPJ-POL)
M01	4905	16-7	2000	Thu	025 795 795 30 30 = = 46470 79284 32479 ... 75339 16583 28210 (28320) = = 795 795 30 30 000	CW	(AB-POL)
M01	6435	18-7	1500	Sat	025 191 191 30 30 = = 07484 37370 16542 ... 31663 28116 93970 = = 191 191 30 30 000	CW	(AB-FIN/MPJ)
M01	6780	19-7	0700	Sun	025 270 270 = = 30 30 = = 55794 92673 12865 ...	CW	(AB-FIN)
M01	5280	21-7	1800	Tue	025 097 097 30 30 = = 77250 62606 73491 ... 44725 30263 44285 = = 097 097 30 30 000	CW	(AB-FIN/MPJ-CZE)
M01	5280	23-7	1800	Thu	025 833 833 = 30 30 = = 72219 39079 15455 ... 72825 44479 28372 = = 833 833 = 30 30 000	CW	(AB/MPJ)
M01	6435	25-7	1500	Sat	025 999 999 30 30 = = 94726 00127 73964 ... 79590 67717 83596 = = 999 999 30 30 000	CW	(AB-FIN/MPJ)
M01	6780	26-7	0700	Sun	025 787 787 30 30 = = 05814 86527 11339 ... 25279 70360 13400 787 787 30 30 = 000	CW	(AB-FIN)
M01	5280	28-7	1800	Tue	025 305 305 30 30 = = 12007 05223 95415 ... 76051 12878 23508 = = 305 305 30 30 000	CW	(MPJ-POL)
M01	5280	30-7	1800	Thu	025 197 197 30 30 = = 92684 36715 86166 ... 32696 81929 80077 = = 197 197 30 30 000	CW	(AB/MPJ)
M01	4509	30-7	2000	Thu	025 273 273 30 30 = = 88868 95858 09783 ... 83012 88906 84488 = = 273 273 30 30 000	CW	(AB)
M01a	9051	7-7	0540	Tue	809 809 809 67267 67267	CW	(F5JBR)
M12	13423	1-7	1210	Wed	415 415 415 1 3202 109 3202 109 96554 78314 45109 ... 59515 38655 37052 000 000	CW	(AB/MPJ)
M12	12123	1-7	1230	Wed	415 415 415 1 3202 109 3202 109 96554 78314 45109 ... 59515 38655 37052 000 000	CW	(AB/MPJ)
M12	11523	1-7	1250	Wed	415 415 415 1 3202 109 3202 109 96554 78314 45109 ... 59515 38655 37052 000 000	CW	(AB/MPJ)
M12	13979	1-7	1600	Wed	931 931 931 1 689 101 689 101 44891 86303 79160 ... 70652 10157 76802 000 000	CW	(AB)
M12	13379	1-7	1620	Wed	931 931 931 1 689 101 689 101 44891 86303 79160 ... 70652 10157 76802 000 000	CW	(AB)
M12	12179	1-7	1640	Wed	931 931 931 1 689 101 689 101 44891 86303 79160 ... 70652 10157 76802 000 000	CW	(AB)
M12	12162	1-7	1710	Wed	546 546 546 1 3056 109 3056 109 74665 20527 38516 ... 18911 90147 53597 000 000	CW	(AB/MPJ)
M12	11566	1-7	1730	Wed	546 546 546 1 3056 109 3056 109 74665 20527 38516 ... 18911 90147 53597 000 000	CW	(AB/MPJ)
M12	10711	1-7	1750	Wed	546 546 546 1 3056 109 3056 109 74665 20527 38516 ... 18911 90147 53597 000 000	CW	(AB/MPJ)
M12	16323	1-7	1950	Wed	395 395 395 000	CW	(AB/RL/HFD)
M12	14923	1-7	2010	Wed	395 395 395 000	CW	(AB/RL/HFD)

M12	9284	1-7	2210	Wed	295 295 295 1 1187 126 1187 126 20411 29110 72712 ... 65676 36992 10658 000 000	CW	(RL)
M12	8084	1-7	2230	Wed	295 295 295 1 1187 126 1187 126 20411 29110 72712 ... 65676 36992 10658 000 000	CW	(RL)
M12	7584	1-7	2250	Wed	295 295 295 1 1187 126 1187 126 20411 29110 72712 ... 65676 36992 10658 000 000	CW	(RL)
M12	10807	2-7	0700	Thu	541 541 541 1 541 541 541 1 8239 24 8239 24 07675 58985 38736 ... 95647 74374 27746 000 000	CW	(AB-RUS)
M12	10207	2-7	0720	Thu	541 541 541 1 541 541 541 1 8239 24 8239 24 07675 58985 38736 ... 95647 74374 27746 000 000	CW	(AB-RUS)
M12	9207	2-7	0740	Thu	541 541 541 1 541 541 541 1 8239 24 8239 24 07675 58985 38736 ... 95647 74374 27746 000 000	CW	(AB-RUS)
M12	12162	2-7	1700	Thu	546 546 546 1 2870 109 2870 109 10442 55735 14968 ... 44412 36843 39491 000 000	CW	(AB/MPJ)
M12	11566	2-7	1720	Thu	546 546 546 1 2870 109 2870 109 10442 55735 14968 ... 44412 36843 39491 000 000	CW	(AB/MPJ)
M12	10711	2-7	1740	Thu	546 546 546 1 2870 109 2870 109 10442 55735 14968 ... 44412 36843 39491 000 000	CW	(AB/MPJ)
M12	12162	2-7	1800	Thu	546 546 546 1 5421 108 5421 108 78067 58738 14345 ... 75137 61485 59940 000 000	CW	(AB)
M12	11566	2-7	1820	Thu	546 546 546 1 5421 108 5421 108 78067 58738 14345 ... 75137 61485 59940 000 000	CW	(AB)
M12	10711	2-7	1840	Thu	546 546 546 1 5421 108 5421 108 78067 58738 14345 ... 75137 61485 59940 000 000	CW	(AB)
M12	14377	2-7	2000	Thu	317 317 317 1 9749 104 9749 104 56763 04251 53236 ... 13125 78526 22638 000 000	CW	(AB)
M12	12217	2-7	2000	Thu	617 617 617 1 513 93 513 93 29968 58077 14394 ... 20929 59457 95626 000 000	CW	(AB/HFD)
M12	13461	2-7	2020	Thu	317 317 317 1 9749 104 9749 104 56763 04251 53236 ... 13125 78526 22638 000 000	CW	(AB)
M12	10817	2-7	2020	Thu	617 617 617 1 513 93 513 93 29968 58077 14394 ... 20929 59457 95626 000 000	CW	(AB)
M12	12114	2-7	2040	Thu	317 317 317 1 9749 104 9749 104 56763 04251 53236 ... 13125 78526 22638 000 000	CW	(AB/HFD)
M12	9317	2-7	2040	Thu	617 617 617 1 513 93 513 93 29968 58077 14394 ... 20929 59457 95626 000 000	CW	(AB/RL/HFD)
M12	13381	2-7	2110	Thu	317 317 317 000	CW	(AB/RL)
M12	12181	2-7	2130	Thu	317 317 317 000	CW	(AB/RL)
M12	15881	3-7	0210	Fri	874 874 874 1 9293 126 9293 126 35220 41256 55278 ... 60540 47957 23852 000 000	CW	(Danix-RUS/HFD)
M12	14781	3-7	0230	Fri	874 874 874 1 9293 126 9293 126 35220 41256 55278 ... 60540 47957 23852 000 000	CW	(Danix-RUS/HFD)
M12	13481	3-7	0250	Fri	874 874 874 1 9293 126 9293 126 35220 41256 55278 ... 60540 47957 23852 000 000	CW	(Danix-RUS/HFD)
M12	13423	3-7	1210	Fri	415 415 415 1 3202 109 3202 109 96554 78314 45109 ... 59515 38655 37052 000 000	CW	(AB/MPJ/HFD)
M12	12123	3-7	1230	Fri	415 415 415 1 3202 109 3202 109 96554 78314 45109 ... 59515 38655 37052 000 000	CW	(AB/MPJ/HFD)
M12	11523	3-7	1240	Fri	415 415 415 1 3202 109 3202 109 96554 78314 45109 ... 59515 38655 37052 000 000	CW	(AB/MPJ/HFD)
M12	16323	3-7	1950	Fri	395 395 395 000	CW	(AB)
M12	14923	3-7	2010	Fri	395 395 395 000	CW	(AB)
M12	10767	3-7	2100	Fri	712 712 712 1 871 110 871 110 49654 36412 32842 ... 32991 78853 15829 000 000	CW	(AB/HFD)
M12	10167	3-7	2120	Fri	712 712 712 1 871 110 871 110 49654 36412 32842 ... 32991 78853 15829 000 000	CW	(AB/HFD)
M12	9217	3-7	2140	Fri	712 712 712 1 871 110 871 110 49654 36412 32842 ... 32991 78853 15829 000 000	CW	(AB/HFD)
M12	10767	4-7	2100	Sat	712 712 712 1 871 110 871 110 49654 36412 32842 ... 32991 78853 15829 000 000	CW	(AB/RL)
M12	10167	4-7	2120	Sat	712 712 712 1 871 110 871 110 49654 36412 32842 ... 32991 78853 15829 000 000	CW	(AB/RL/Dan)
M12	9217	4-7	2140	Sat	712 712 712 1 871 110 871 110 49654 36412 32842 ... 32991 78853 15829 000 000	CW	(AB/RL)
M12	9284	4-7	2210	Sat	295 295 295 1 1187 126 1187 126 20411 29110 72712 ... 65676 36992 10658 000 000	CW	(AB/Dan)
M12	8084	4-7	2230	Sat	295 295 295 1 1187 126 1187 126 20411 29110 72712 ... 65676 36992 10658 000 000	CW	(AB)
M12	7584	4-7	2250	Sat	295 295 295 1 1187 126 1187 126 20411 29110 72712 ... 65676 36992 10658 000 000	CW	(AB)

M12	13979	5-7	1600	Sun	931 931 931 1 689 101 689 101 44891 86303 79160 ... 70652 10157 76802 000 000	CW	(AB/MPJ)
M12	13379	5-7	1620	Sun	931 931 931 1 689 101 689 101 44891 86303 79160 ... 70652 10157 76802 000 000	CW	(AB/MPJ)
M12	12179	5-7	1640	Sun	931 931 931 1 689 101 689 101 44891 86303 79160 ... 70652 10157 76802 000 000	CW	(AB/MPJ)
M12	15881	6-7	0210	Mon	874 874 874 1 8350 168 8350 168 91765 18417 11034 ...4 08668 79772 75294 000 000	CW	(Danix-RUS)
M12	14781	6-7	0230	Mon	874 874 874 1 8350 168 8350 168 91765 18417 11034 ...4 08668 79772 75294 000 000	CW	(Danix-RUS)
M12	13481	6-7	0250	Mon	874 874 874 1 8350 168 8350 168 91765 18417 11034 ...4 08668 79772 75294 000 000	CW	(Danix-RUS)
M12	12217	6-7	2000	Mon	617 617 617 000	CW	(AB/RL)
M12	10817	6-7	2020	Mon	617 617 617 000	CW	(AB/RL)
M12	13381	6-7	2110	Mon	317 317 317 1 4060 92 4060 92 63230 06029 36392 ... 90769 46832 29367 000 000	CW	(RL)
M12	12181	6-7	2130	Mon	317 317 317 1 4060 92 4060 92 63230 06029 36392 ... 90769 46832 29367 000 000	CW	(RL)
M12	10781	6-7	2150	Mon	317 317 317 1 4060 92 4060 92 63230 06029 36392 ... 90769 46832 29367 000 000	CW	(RL)
M12	7475	7-7	0030	Tue	402 402 402 000	CW	(AB)
M12	8075	7-7	0050	Tue	402 402 402 000	CW	(AB)
M12	10172	7-7	0500	Tue	195 195 195 1 568 85 568 85 32591 17094 08730 ... 97798 91679 27117 000 000	CW	(AB)
M12	10972	7-7	0520	Tue	195 195 195 1 568 85 568 85 32591 17094 08730 ... 97798 91679 27117 000 000	CW	(AB/HFD)
M12	9317	7-7	0530	Tue	135 135 135 1 3340 113 3340 113 18291 21422 41281 ... 63225 91174 67630 000 000	CW	(AB/HFD)
M12	11572	7-7	0540	Tue	195 195 195 1 568 85 568 85 32591 17094 08730 ... 97798 91679 27117 000 000	CW	(AB/HFD)
M12	10484	7-7	0550	Tue	135 135 135 1 3340 113 3340 113 18291 21422 41281 ... 63225 91174 67630 000 000	CW	(AB)
M12	11552	7-7	0610	Tue	135 135 135 1 3340 113 3340 113 18291 21422 41281 ... 63225 91174 67630 000 000	CW	(AB)
M12	10807	7-7	0700	Tue	822 822 822 372 162 372 162 20822 18693 41315 ... 58973 83142 30954 000 000	CW	(AB-RUS/HFD-J)
M12	10207	7-7	0720	Tue	822 822 822 372 162 372 162 20822 18693 41315 ... 58973 83142 30954 000 000	CW	(AB-RUS/HFD-J)
M12	9207	7-7	0740	Tue	822 822 822 372 162 372 162 20822 18693 41315 ... 58973 83142 30954 000 000	CW	(AB-RUS/HFD-J)
M12	13423	8-7	1210	Wed	415 415 415 1 3202 109 3202 109 96554 78314 45109 ... 59515 38655 37052 000 000	CW	(AB/MPJ)
M12	12123	8-7	1230	Wed	415 415 415 1 3202 109 3202 109 96554 78314 45109 ... 59515 38655 37052 000 000	CW	(AB/MPJ)
M12	11523	8-7	1250	Wed	415 415 415 1 3202 109 3202 109 96554 78314 45109 ... 59515 38655 37052 000 000	CW	(AB/MPJ)
M12	13979	8-7	1600	Wed	931 931 931 000	CW	(AB)
M12	13379	8-7	1620	Wed	931 931 931 000	CW	(AB)
M12	12162	8-7	1710	Wed	546 546 546 1 4805 106 4805 106 31137 62227 51783 ... 60506 69097 44420 000 000	CW	(AB)
M12	11566	8-7	1730	Wed	546 546 546 1 4805 106 4805 106 31137 62227 51783 ... 60506 69097 44420 000 000	CW	(AB)
M12	10711	8-7	1750	Wed	546 546 546 1 4805 106 4805 106 31137 62227 51783 ... 60506 69097 44420 000 000	CW	(AB)
M12	11435	8-7	1810	Wed	938 938 938 1 4594 75 4594 75 16747 15263 91611 ... 43738 87862 00231 000 000	CW	(AB/MPJ)
M12	10598	8-7	1830	Wed	938 938 938 1 4594 75 4594 75 16747 15263 91611 ... 43738 87862 00231 000 000	CW	(AB/MPJ)
M12	9327	8-7	1850	Wed	938 938 938 1 4594 75 4594 75 16747 15263 91611 ... 43738 87862 00231 000 000	CW	(AB/MPJ)
M12	16323	8-7	1950	Wed	395 395 395 000	CW	(AB/RL)
M12	14923	8-7	2010	Wed	395 395 395 000	CW	(AB/DAM/RL)
M12	9284	8-7	2210	Wed	295 295 295 1 180 150 180 150 70860 78701 48637 ... 13375 25474 37177 000 000	CW	(AB/RL)
M12	8084	8-7	2230	Wed	295 295 295 1 180 150 180 150 70860 78701 48637 ... 13375 25474 37177 000 000	CW	(AB/RL)
M12	7584	8-7	2250	Wed	295 295 295 1 180 150 180 150 70860 78701 48637 ... 13375 25474 37177 000 000	CW	(AB/RL)
M12	10807	9-7	0700	Thu	822 822 822 872 162 372 162 20822 18693 41315 ... 58973 83142 30954 000 000	CW	(AB-RUS)
M12	10207	9-7	0720	Thu	822 822 822 872 162 372 162 20822 18693 41315 ... 58973 83142 30954 000 000	CW	(AB-RUS)

M12	9207	9-7	0740	Thu	822 822 822 872 162 372 162 20822 18693 41315 ... 58973 83142 30954 000 000	CW	(AB-RUS)
M12	12217	9-7	2000	Thu	617 617 617 000	CW	(AB/RL)
M12	14377	9-7	2000	Thu	317 317 317 1 5774 108 5774 108 83669 47838 30488 ... 87950 75512 99455 000 000	CW	(AB)
M12	13461	9-7	2020	Thu	317 317 317 1 5774 108 5774 108 83669 47838 30488 ... 87950 75512 99455 000 000	CW	(AB)
M12	10817	9-7	2020	Thu	617 617 617 000	CW	(AB/RL)
M12	12114	9-7	2040	Thu	317 317 317 1 5774 108 5774 108 83669 47838 30488 ... 87950 75512 99455 000 000	CW	(AB)
M12	13381	9-7	2110	Thu	317 317 317 1 4060 92 4060 92 63230 06029 36392 ... 90769 46832 29367 000 000	CW	(AB/RL)
M12	12181	9-7	2130	Thu	317 317 317 1 4060 92 4060 92 63230 06029 36392 ... 90769 46832 29367 000 000	CW	(AB/RL)
M12	10781	9-7	2150	Thu	317 317 317 1 4060 92 4060 92 63230 06029 36392 ... 90769 46832 29367 000 000	CW	(AB/RL)
M12	7475	10-7	0030	Fri	402 402 402 000	CW	(AB)
M12	8075	10-7	0050	Fri	402 402 402 000	CW	(AB)
M12	13423	10-7	1210	Fri	415 415 415 1 3202 109 3202 109 96554 78314 45109 ... 59515 38655 37052 000 000	CW	(AB/MPJ)
M12	12123	10-7	1230	Fri	415 415 415 1 3202 109 3202 109 96554 78314 45109 ... 59515 38655 37052 000 000	CW	(AB/MPJ)
M12	11523	10-7	1250	Fri	415 415 415 1 3202 109 3202 109 96554 78314 45109 ... 59515 38655 37052 000 000	CW	(AB/MPJ)
M12	16323	10-7	1950	Fri	395 395 395 000	CW	(AB/RL)
M12	14923	10-7	2010	Fri	395 395 395 000	CW	(AB/RL)
M12	10767	10-7	2100	Fri	712 712 712 1 871 110 871 110 49654 36412 32842 ... 32991 78853 15829 000 000	CW	(AB)
M12	10167	10-7	2120	Fri	712 712 712 1 871 110 871 110 49654 36412 32842 ... 32991 78853 15829 000 000	CW	(AB/RL)
M12	9217	10-7	2140	Fri	712 712 712 1 871 110 871 110 49654 36412 32842 ... 32991 78853 15829 000 000	CW	(AB/RL)
M12	10767	11-7	2100	Sat	712 712 712 1 871 110 871 110 49654 36412 32842 ... 32991 78853 15829 000 000	CW	(AB/RL)
M12	10167	11-7	2120	Sat	712 712 712 1 871 110 871 110 49654 36412 32842 ... 32991 78853 15829 000 000	CW	(AB/RL)
M12	9217	11-7	2140	Sat	712 712 712 1 871 110 871 110 49654 36412 32842 ... 32991 78853 15829 000 000	CW	(AB/RL)
M12	9284	11-7	2210	Sat	295 295 295 1 180 150 180 150 70860 78701 48637 ... 13375 25474 37177 000 000	CW	(AB/RL/HFD)
M12	8084	11-7	2230	Sat	295 295 295 1 180 150 180 150 70860 78701 48637 ... 13375 25474 37177 000 000	CW	(AB/RL/HFD)
M12	7584	11-7	2250	Sat	295 295 295 1 180 150 180 150 70860 78701 48637 ... 13375 25474 37177 000 000	CW	(AB/RL/HFD)
M12	10172	12-7	0500	Sun	195 195 195 1 568 85 568 85 32591 17094 08730 ... 97798 91679 27117 000 000	CW	(AB)
M12	10972	12-7	0520	Sun	195 195 195 1 568 85 568 85 32591 17094 08730 ... 97798 91679 27117 000 000	CW	(AB)
M12	11572	12-7	0540	Sun	195 195 195 1 568 85 568 85 32591 17094 08730 ... 97798 91679 27117 000 000	CW	(AB)
M12	13979	12-7	1600	Sun	931 931 931 000	CW	(MPJ/RL-G)
M12	13379	12-7	1620	Sun	931 931 931 000	CW	(MPJ/RL-HOL)
M12	15881	13-7	0210	Mon	874 874 874 1 151 196 151 196 14805 05371 95843 ... 15771 05767 71283 000 000	CW	(Danix-RUS)
M12	14781	13-7	0230	Mon	874 874 874 1 151 196 151 196 14805 05371 95843 ... 15771 05767 71283 000 000	CW	(Danix-RUS)
M12	13481	13-7	0250	Mon	874 874 874 1 151 196 151 196 14805 05371 95843 ... 15771 05767 71283 000 000	CW	(Danix-RUS)
M12	12217	13-7	2000	Mon	617 617 617 1 379 123 379 123 25626 77422 20397 ... 20535 07072 70659 000 000	CW	(AB/RL)
M12	10817	13-7	2020	Mon	617 617 617 1 379 123 379 123 25626 77422 20397 ... 20535 07072 70659 000 000	CW	(AB/RL)
M12	9317	13-7	2040	Mon	617 617 617 1 379 123 379 123 25626 77422 20397 ... 20535 07072 70659 000 000	CW	(AB/RL)
M12	13381	13-7	2110	Mon	317 317 317 000	CW	(AB/RL/HFD)
M12	12181	13-7	2130	Mon	317 317 317 000	CW	(AB/RL/HFD)
M12	7475	14-7	0030	Tue	402 402 402 000	CW	(AB)
M12	8075	14-7	0050	Tue	402 402 402 000	CW	(AB)

M12	10172	14-7	0500	Tue	195 195 195 000	CW	(AB)
M12	10972	14-7	0520	Tue	195 195 195 000	CW	(AB)
M12	9317	14-7	0530	Tue	135 135 135 1 9255 109 9255 109 41221 15174 78630 ... 04269 71028 32543 000 000	CW	(AB)
M12	10484	14-7	0550	Tue	135 135 135 1 9255 109 9255 109 41221 15174 78630 ... 04269 71028 32543 000 000	CW	(AB)
M12	11552	14-7	0610	Tue	135 135 135 1 9255 109 9255 109 41221 15174 78630 ... 04269 71028 32543 000 000	CW	(AB)
M12	10807	14-7	0700	Tue	822 822 822 1 9791 182 9791 182 78765 67564 23805 ... 71248 27901 25714 000 000	CW	(AB-RUS)
M12	10207	14-7	0720	Tue	822 822 822 1 9791 182 9791 182 78765 67564 23805 ... 71248 27901 25714 000 000	CW	(AB-RUS)
M12	9207	14-7	0740	Tue	822 822 822 1 9791 182 9791 182 78765 67564 23805 ... 71248 27901 25714 000 000	CW	(AB-RUS)
M12	13423	15-7	1210	Wed	415 415 415 1 4850 133 4850 133 20273 71939 78794 ... 28987 49381 20338 000 000	CW	(AB)
M12	12123	15-7	1230	Wed	415 415 415 1 4850 133 4850 133 20273 71939 78794 ... 28987 49381 20338 000 000	CW	(AB)
M12	11523	15-7	1250	Wed	415 415 415 1 4850 133 4850 133 20273 71939 78794 ... 28987 49381 20338 000 000	CW	(AB)
M12	13979	15-7	1600	Wed	931 931 931 1 5403 95 5403 95 89401 57611 51702 ... 44448 02182 59317 000 000	CW	(AB/HFD)
M12	13379	15-7	1620	Wed	931 931 931 1 5403 95 5403 95 89401 57611 51702 ... 44448 02182 59317 000 000	CW	(AB/HFD)
M12	12179	15-7	1640	Wed	931 931 931 1 5403 95 5403 95 89401 57611 51702 ... 44448 02182 59317 000 000	CW	(AB/HFD)
M12	12162	15-7	1710	Wed	546 546 546 1 6644 106 6644 106 10432 06904 98835 ... 67380 24554 64499 000 000	CW	(AB/MPJ)
M12	11566	15-7	1730	Wed	546 546 546 1 6644 106 6644 106 10432 06904 98835 ... 67380 24554 64499 000 000	CW	(AB/MPJ)
M12	10711	15-7	1750	Wed	546 546 546 1 6644 106 6644 106 10432 06904 98835 ... 67380 24554 64499 000 000	CW	(AB/MPJ)
M12	11435	15-7	1810	Wed	938 938 938 1 1802 70 1802 70 03668 44505 36848 ... 54417 33192 76143 000 000	CW	(AB/MPJ)
M12	10598	15-7	1830	Wed	938 938 938 1 1802 70 1802 70 03668 44505 36848 ... 54417 33192 76143 000 000	CW	(AB/MPJ)
M12	9327	15-7	1850	Wed	938 938 938 1 1802 70 1802 70 03668 44505 36848 ... 54417 33192 76143 000 000	CW	(AB/MPJ)
M12	16323	15-7	1950	Wed	395 395 395 000	CW	(AB/RL)
M12	14923	15-7	2010	Wed	395 395 395 000	CW	(AB/RL)
M12	9284	15-7	2210	Wed	295 285 295 1 4213 188 4213 188 25689 37444 91842 ... 18740 94281 29591 000 000	CW	(AB/RL)
M12	8084	15-7	2230	Wed	295 285 295 1 4213 188 4213 188 25689 37444 91842 ... 18740 94281 29591 000 000	CW	(AB/RL)
M12	7584	15-7	2250	Wed	295 285 295 1 4213 188 4213 188 25689 37444 91842 ... 18740 94281 29591 000 000	CW	(AB/RL)
M12	10807	16-7	0700	Thu	822 822 822 1 9791 182 9791 182 78765 67564 23805 ... 71248 27901 25714 000 000	CW	(AB-RUS)
M12	10207	16-7	0720	Thu	822 822 822 1 9791 182 9791 182 78765 67564 23805 ... 71248 27901 25714 000 000	CW	(AB-RUS)
M12	9207	16-7	0740	Thu	822 822 822 1 9791 182 9791 182 78765 67564 23805 ... 71248 27901 25714 000 000	CW	(AB-RUS)
M12	12162	16-7	1700	Thu	546 546 546 1 3470 106 3470 106 83933 20042 44485 ... 98065 53258 42132 000 000	CW	(AB/MPJ)
M12	11566	16-7	1720	Thu	546 546 546 1 3470 106 3470 106 83933 20042 44485 ... 98065 53258 42132 000 000	CW	(AB/MPJ)
M12	10711	16-7	1740	Thu	546 546 546 1 3470 106 3470 106 83933 20042 44485 ... 98065 53258 42132 000 000	CW	(AB/MPJ)
M12	12162	16-7	1800	Thu	546 546 546 1 5376 105 5376 105 91394 68716 33397 ... 44541 14986 97873 000 000	CW	(AB)
M12	11566	16-7	1820	Thu	546 546 546 1 5376 105 5376 105 91394 68716 33397 ... 44541 14986 97873 000 000	CW	(AB)
M12	10711	16-7	1840	Thu	546 546 546 1 5376 105 5376 105 91394 68716 33397 ... 44541 14986 97873 000 000	CW	(AB)
M12	14377	16-7	2000	Thu	317 317 317 1 2914 108 2914 108 12444 01333 39832 ...37626 67422 31654 000 000	CW	(AB/RL)
M12	12217	16-7	2000	Thu	617 617 617 1 379 123 379 123 25626 77422 20397 ... 20535 07072 70659 000 000	CW	(AB)
M12	13461	16-7	2020	Thu	317 317 317 1 2914 108 2914 108 12444 01333 39832 ...37626 67422 31654 000 000	CW	(AB/RL)
M12	10817	16-7	2020	Thu	617 617 617 1 379 123 379 123 25626 77422 20397 ... 20535 07072 70659 000 000	CW	(AB)
M12	9317	16-7	2040	Thu	617 617 617 1 379 123 379 123 25626 77422 20397 ... 20535 07072 70659 000 000	CW	(AB)
M12	12114	16-7	2040	Thu	317 317 317 1 2914 108 2914 108 12444 01333 39832 ...37626 67422 31654 000 000	CW	(AB/RL)

M12	13381	16-7	2110	Thu	317 317 317 000	CW	(AB)
M12	12181	16-7	2130	Thu	317 317 317 000	CW	(AB/RL)
M12	7475	17-7	0030	Fri	402 402 402 000	CW	(AB)
M12	8075	17-7	0050	Fri	402 402 402 000	CW	(AB)
M12	13423	17-7	1210	Fri	415 415 415 1 4850 133 4850 133 20273 71939 78794 ... 28987 49381 20338 000 000	CW	(AB/MPJ)
M12	12123	17-7	1230	Fri	415 415 415 1 4850 133 4850 133 20273 71939 78794 ... 28987 49381 20338 000 000	CW	(AB/MPJ)
M12	11523	17-7	1250	Fri	415 415 415 1 4850 133 4850 133 20273 71939 78794 ... 28987 49381 20338 000 000	CW	(AB/MPJ)
M12	16323	17-7	1950	Fri	395 395 395 000	CW	(AB)
M12	14923	17-7	2010	Fri	395 395 395 000	CW	(AB)
M12	10767	17-7	2100	Fri	712 712 712 000	CW	(AB/RL)
M12	10167	17-7	2120	Fri	712 712 712 000	CW	(AB/RL)
M12	10767	18-7	2100	Sat	712 712 712 000	CW	(AB/RL)
M12	10167	18-7	2120	Sat	712 712 712 000	CW	(AB/RL)
M12	9284	18-7	2210	Sat	295 285 295 1 4213 188 4213 188 25689 37444 91842 ... 18740 94281 29591 000 000	CW	(AB/RL)
M12	8084	18-7	2230	Sat	295 285 295 1 4213 188 4213 188 25689 37444 91842 ... 18740 94281 29591 000 000	CW	(AB/RL)
M12	7584	18-7	2250	Sat	295 285 295 1 4213 188 4213 188 25689 37444 91842 ... 18740 94281 29591 000 000	CW	(AB/RL)
M12	10172	19-7	0500	Sun	195 195 195 000	CW	(AB)
M12	10972	19-7	0520	Sun	195 195 195 000	CW	(AB)
M12	13979	19-7	1600	Sun	931 931 931 1 5403 95 5403 95 89401 57611 51702 ... 44408 02182 59317 000 000	CW	(AB/MPJ)
M12	13379	19-7	1620	Sun	931 931 931 1 5403 95 5403 95 89401 57611 51702 ... 44408 02182 59317 000 000	CW	(AB/MPJ)
M12	12179	19-7	1640	Sun	931 931 931 1 5403 95 5403 95 89401 57611 51702 ... 44408 02182 59317 000 000	CW	(AB/MPJ)
M12	15881	20-7	0210	Mon	874 874 874 1 6005 198 6005 198 59149 80847 02434 ... 64193 62107 16039 000 000	CW	(Danix-RUS)
M12	14781	20-7	0230	Mon	874 874 874 1 6005 198 6005 198 59149 80847 02434 ... 64193 62107 16039 000 000	CW	(Danix-RUS)
M12	13481	20-7	0250	Mon	874 874 874 1 6005 198 6005 198 59149 80847 02434 ... 64193 62107 16039 000 000	CW	(Danix-RUS)
M12	12217	20-7	2000	Mon	617 617 617 000	CW	(AB/RL)
M12	10817	20-7	2020	Mon	617 617 617 000	CW	(AB/RL)
M12	13381	20-7	2110	Mon	317 317 317 1 6622 105 6622 105 48919 22071 46477 ... 70002 16550 99274 000 000	CW	(AB)
M12	12181	20-7	2130	Mon	317 317 317 1 6622 105 6622 105 48919 22071 46477 ... 70002 16550 99274 000 000	CW	(AB)
M12	10781	20-7	2150	Mon	317 317 317 1 6622 105 6622 105 48919 22071 46477 ... 70002 16550 99274 000 000	CW	(AB)
M12	7475	21-7	0030	Tue	402 402 402 1 8456 120 8456 120 72610 33527 73717 ... 35134 22741 85436 000 000	CW	(AB)
M12	8075	21-7	0050	Tue	402 402 402 1 8456 120 8456 120 72610 33527 73717 ... 35134 22741 85436 000 000	CW	(AB)
M12	9275	21-7	0110	Tue	402 402 402 1 8456 120 8456 120 72610 33527 73717 ... 35134 22741 85436 000 000	CW	(AB)
M12	13423	22-7	1210	Wed	415 415 415 1 4850 133 4850 133 20273 71939 78794 ... 28987 49381 20338 000 000	CW	(AB/MPJ)
M12	12123	22-7	1230	Wed	415 415 415 1 4850 133 4850 133 20273 71939 78794 ... 28987 49381 20338 000 000	CW	(AB/MPJ)
M12	11523	22-7	1250	Wed	415 415 415 1 4850 133 4850 133 20273 71939 78794 ... 28987 49381 20338 000 000	CW	(AB/MPJ)
M12	13979	22-7	1600	Wed	931 931 931 000	CW	(AB/MPJ)
M12	13379	22-7	1620	Wed	931 931 931 000	CW	(AB/MPJ)
M12	12162	22-7	1710	Wed	546 546 546 1 2266 111 2266 111 42684 88880 90129 ... 92150 62062 95549 000 000	CW	(AB)
M12	11566	22-7	1730	Wed	546 546 546 1 2266 111 2266 111 42684 88880 90129 ... 92150 62062 95549 000 000	CW	(AB)
M12	10711	22-7	1750	Wed	546 546 546 1 2266 111 2266 111 42684 88880 90129 ... 92150 62062 95549 000 000	CW	(AB)

M12	11435	22-7	1810	Wed	938 938 938 1860 72 1860 72 08471 19651 91953 ... 37714 29072 21388 000 000	CW	(AB/MPJ)
M12	10598	22-7	1830	Wed	938 938 938 1860 72 1860 72 08471 19651 91953 ... 37714 29072 21388 000 000	CW	(AB/MPJ)
M12	9327	22-7	1850	Wed	938 938 938 1860 72 1860 72 08471 19651 91953 ... 37714 29072 21388 000 000	CW	(AB/MPJ)
M12	16323	22-7	1950	Wed	395 395 395 000	CW	(AB/RL)
M12	14923	22-7	2010	Wed	395 395 395 000	CW	(AB)
M12	9284	22-7	2210	Wed	295 295 295 1 657 90 657 90 65439 95798 86578 ... 60544 74781 84755 000 000	CW	(AB/RL)
M12	8084	22-7	2230	Wed	295 295 295 1 657 90 657 90 65439 95798 86578 ... 60544 74781 84755 000 000	CW	(AB/RL)
M12	7584	22-7	2250	Wed	295 295 295 1 657 90 657 90 65439 95798 86578 ... 60544 74781 84755 000 000	CW	(AB/RL)
M12	10807	23-7	0700	Thu	822 822 822 1 7970 140 7970 140 53760 52922 45737 ... 21987 98385 94115 000 000	CW	(AB-RUS)
M12	10207	23-7	0720	Thu	822 822 822 1 7970 140 7970 140 53760 52922 45737 ... 21987 98385 94115 000 000	CW	(AB-RUS)
M12	9207	23-7	0740	Thu	822 822 822 1 7970 140 7970 140 53760 52922 45737 ... 21987 98385 94115 000 000	CW	(AB-RUS)
M12	12162	23-7	1700	Thu	546 546 546 1 8542 108 8542 108 66947 02485 06531 ... 88979 68387 89050 000 000	CW	(AB)
M12	11566	23-7	1720	Thu	546 546 546 1 8542 108 8542 108 66947 02485 06531 ... 88979 68387 89050 000 000	CW	(AB)
M12	10711	23-7	1740	Thu	546 546 546 1 8542 108 8542 108 66947 02485 06531 ... 88979 68387 89050 000 000	CW	(AB)
M12	12162	23-7	1800	Thu	546 546 546 1 7994 113 7994 113 37305 69407 64770 ... 38046 06749 74824 000 000	CW	(AB)
M12	11566	23-7	1820	Thu	546 546 546 1 7994 113 7994 113 37305 69407 64770 ... 38046 06749 74824 000 000	CW	(AB)
M12	10711	23-7	1840	Thu	546 546 546 1 7994 113 7994 113 37305 69407 64770 ... 38046 06749 74824 000 000	CW	(AB)
M12	14377	23-7	2000	Thu	317 317 317 1 9418 106 9418 106 _8544 00209 59570 ... 03224 05489 64183 000 000	CW	(AB)
M12	12217	23-7	2000	Thu	617 617 617 000	CW	(AB/RL)
M12	10817	23-7	2020	Thu	617 617 617 000	CW	(AB/RL)
M12	13461	23-7	2020	Thu	317 317 317 1 9418 106 9418 106 _8544 00209 59570 ... 03224 05489 64183 000 000	CW	(AB)
M12	12114	23-7	2040	Thu	317 317 317 1 9418 106 9418 106 _8544 00209 59570 ... 03224 05489 64183 000 000	CW	(AB)
M12	13381	23-7	2110	Thu	317 317 317 1 6622 105 6622 105 48919 22071 46477 ... 70002 16550 99274 000 000	CW	(AB)
M12	12181	23-7	2130	Thu	317 317 317 1 6622 105 6622 105 48919 22071 46477 ... 70002 16550 99274 000 000	CW	(AB)
M12	10781	23-7	2150	Thu	317 317 317 1 6622 105 6622 105 48919 22071 46477 ... 70002 16550 99274 000 000	CW	(AB)
M12	13423	24-7	1210	Fri	415 415 415 1 4850 133 4850 133 20273 71939 78794 ... 28987 49381 20338 000 000	CW	(AB/MPJ)
M12	12123	24-7	1230	Fri	415 415 415 1 4850 133 4850 133 20273 71939 78794 ... 28987 49381 20338 000 000	CW	(AB/MPJ)
M12	11523	24-7	1250	Fri	415 415 415 1 4850 133 4850 133 20273 71939 78794 ... 28987 49381 20338 000 000	CW	(AB/MPJ)
M12	16323	24-7	1950	Fri	395 395 395 000	CW	(AB/RL)
M12	14923	24-7	2010	Fri	395 395 395 000	CW	(AB/RL)
M12	10767	24-7	2100	Fri	712 712 712 000	CW	(AB/RL)
M12	10167	24-7	2120	Fri	712 712 712 000	CW	(AB/RL)
M12	10767	25-7	2100	Sat	712 712 712 000	CW	(AB/RL)
M12	10167	25-7	2120	Sat	712 712 712 000	CW	(AB/RL)
M12	9284	25-7	2210	Sat	295 295 295 1 657 90 657 90 65439 95798 86578 ... 60544 74781 84755 000 000	CW	(AB/RL)
M12	8084	25-7	2230	Sat	295 295 295 1 657 90 657 90 65439 95798 86578 ... 60544 74781 84755 000 000	CW	(AB/RL)
M12	7584	25-7	2250	Sat	295 295 295 1 657 90 657 90 65439 95798 86578 ... 60544 74781 84755 000 000	CW	(AB/RL)
M12	10172	26-7	0500	Sun	195 195 195 1 4520 108 4520 108 84504 81770 68835 ... 82510 90361 16099 000 000	CW	(AB)
M12	10972	26-7	0520	Sun	195 195 195 1 4520 108 4520 108 84504 81770 68835 ... 82510 90361 16099 000 000	CW	(AB)
M12	11572	26-7	0540	Sun	195 195 195 1 4520 108 4520 108 84504 81770 68835 ... 82510 90361 16099 000 000	CW	(AB)

M12	13979	26-7	1600	Sun	931 931 931 000	CW	(AB/MPJ)
M12	13379	26-7	1620	Sun	931 931 931 000	CW	(AB/MPJ)
M12	12217	27-7	2000	Mon	617 617 617 1 2305 96 2305 96 98221 21864 62721 ... 07706 66118 22012 000 000	CW	(AB/RL)
M12	10817	27-7	2020	Mon	617 617 617 1 2305 96 2305 96 98221 21864 62721 ... 07706 66118 22012 000 000	CW	(AB/RL)
M12	9317	27-7	2040	Mon	617 617 617 1 2305 96 2305 96 98221 21864 62721 ... 07706 66118 22012 000 000	CW	(AB/RL)
M12	13381	27-7	2110	Mon	317 317 317 000	CW	(AB/RL)
M12	12181	27-7	2158	Mon	317 317 317 000	CW	(AB/RL)
M12	7475	28-7	0030	Tue	402 402 402 000	CW	(AB)
M12	8075	28-7	0050	Tue	402 402 402 000	CW	(AB)
M12	13423	29-7	1210	Wed	415 415 415 000	CW	(AB/MPJ)
M12	12123	29-7	1230	Wed	415 415 415 000	CW	(AB/MPJ)
M12	13979	29-7	1600	Wed	931 931 931 1 4784 140 4784 140 90145 49582 ... 86189 28907 63851 000 000	CW	(AB/MPJ)
M12	13379	29-7	1620	Wed	931 931 931 1 4784 140 4784 140 90145 49582 ... 86189 28907 63851 000 000	CW	(AB/MPJ)
M12	12179	29-7	1640	Wed	931 931 931 1 4784 140 4784 140 90145 49582 ... 86189 28907 63851 000 000	CW	(AB/MPJ)
M12	12162	29-7	1710	Wed	546 546 546 1 4488 104 4488 104 19917 62229 31732 ... 89033 13067 32393 000 000	CW	(AB)
M12	11566	29-7	1730	Wed	546 546 546 1 4488 104 4488 104 19917 62229 31732 ... 89033 13067 32393 000 000	CW	(AB)
M12	10711	29-7	1750	Wed	546 546 546 1 4488 104 4488 104 19917 62229 31732 ... 89033 13067 32393 000 000	CW	(AB)
M12	11435	29-7	1810	Wed	938 938 938 1 6279 72 6279 72 59749 23476 72281 ... 94745 28230 42614 000 000	CW	(AB)
M12	10598	29-7	1830	Wed	938 938 938 1 6279 72 6279 72 59749 23476 72281 ... 94745 28230 42614 000 000	CW	(AB)
M12	9327	29-7	1850	Wed	938 938 938 1 6279 72 6279 72 59749 23476 72281 ... 94745 28230 42614 000 000	CW	(AB)
M12	16323	29-7	1950	Wed	395 395 395 000	CW	(AB/RL)
M12	14923	29-7	2010	Wed	395 395 395 000	CW	(AB/RL)
M12	9284	29-7	2210	Wed	295 295 295 1 8371 102 8371 102 65869 54701 47029 ... 77634 36340 48246 000 000	CW	(AB/RL)
M12	8084	29-7	2230	Wed	295 295 295 1 8371 102 8371 102 65869 54701 47029 ... 77634 36340 48246 000 000	CW	(AB/RL)
M12	7584	29-7	2250	Wed	295 295 295 1 8371 102 8371 102 65869 54701 47029 ... 77634 36340 48246 000 000	CW	(AB/RL)
M12	10807	30-7	0700	Thu	822 822 822 1 569 122 569 122 66389 35383 65397 ... 27791 90539 09666 000 000	CW	(AB-RUS)
M12	10207	30-7	0720	Thu	822 822 822 1 569 122 569 122 66389 35383 65397 ... 27791 90539 09666 000 000	CW	(AB-RUS)
M12	9207	30-7	0740	Thu	822 822 822 1 569 122 569 122 66389 35383 65397 ... 27791 90539 09666 000 000	CW	(AB-RUS)
M12	12162	30-7	1700	Thu	546 546 546 1 1370 104 1370 104 26942 36745 23002 ... 37458 28207 04719 000 000	CW	(AB)
M12	11566	30-7	1720	Thu	546 546 546 1 1370 104 1370 104 26942 36745 23002 ... 37458 28207 04719 000 000	CW	(AB)
M12	10711	30-7	1740	Thu	546 546 546 1 1370 104 1370 104 26942 36745 23002 ... 37458 28207 04719 000 000	CW	(AB)
M12	12162	30-7	1800	Thu	546 546 546 1 3008 112 3008 112 17707 66458 36707 ... 44613 17274 71599 000 000	CW	(AB)
M12	11566	30-7	1820	Thu	546 546 546 1 3008 112 3008 112 17707 66458 36707 ... 44613 17274 71599 000 000	CW	(AB)
M12	10711	30-7	1840	Thu	546 546 546 1 3008 112 3008 112 17707 66458 36707 ... 44613 17274 71599 000 000	CW	(AB)
M12	12217	30-7	2000	Thu	617 617 617 1 2305 96 2305 96 98221 21864 62721 ... 07706 66118 22012 000 000	CW	(AB/RL)
M12	14377	30-7	2000	Thu	317 317 317 1 1440 107 1440 107 24207 07898 53182 ... 37723 78891 19981 000 000	CW	(AB)
M12	13461	30-7	2020	Thu	317 317 317 1 1440 107 1440 107 24207 07898 53182 ... 37723 78891 19981 000 000	CW	(AB)
M12	10817	30-7	2020	Thu	617 617 617 1 2305 96 2305 96 98221 21864 62721 ... 07706 66118 22012 000 000	CW	(AB/RL)
M12	9317	30-7	2040	Thu	617 617 617 1 2305 96 2305 96 98221 21864 62721 ... 07706 66118 22012 000 000	CW	(AB/RL)
M12	12114	30-7	2040	Thu	317 317 317 1 1440 107 1440 107 24207 07898 53182 ... 37723 78891 19981 000 000	CW	(AB)

M12	13381	30-7	2110	Thu	317 317 317 000	CW	(AB/RL)
M12	12181	30-7	2130	Thu	317 317 317 000	CW	(AB/RL)
M12	7475	31-7	0030	Fri	402 402 402 000	CW	(AB)
M12	8075	31-7	0050	Fri	402 402 402 000	CW	(AB)
M12	15881	31-7	0210	Fri	874 874 874 1 196 96 196 96 94598 70916 64223 ... 67622 80554 95920 000 000	CW	(Danix-RUS)
M12	14781	31-7	0230	Fri	874 874 874 1 196 96 196 96 94598 70916 64223 ... 67622 80554 95920 000 000	CW	(Danix-RUS)
M12	13481	31-7	0250	Fri	874 874 874 1 196 96 196 96 94598 70916 64223 ... 67622 80554 95920 000 000	CW	(Danix-RUS)
M12	13423	31-7	1210	Fri	415 415 415 000	CW	(AB/MPJ)
M12	12123	31-7	1230	Fri	415 415 415 000	CW	(AB/MPJ)
M12	16323	31-7	1950	Fri	395 395 395 000	CW	(AB/RL)
M12	14923	31-7	2010	Fri	395 395 395 000	CW	(AB/RL)
M12	10767	31-7	2100	Fri	712 712 712 1 542 45 542 45 06829 41062 46424 ... 04000 30637 69681 000 000	CW	(AB/RL)
M12	10167	31-7	2120	Fri	712 712 712 1 542 45 542 45 06829 41062 46424 ... 04000 30637 69681 000 000	CW	(AB/RL)
M12	9267	31-7	2140	Fri	712 712 712 1 542 45 542 45 06829 41062 46424 ... 04000 30637 69681 000 000	CW	(AB/RL)
M14	4730	4-7	0800	Sat	523 495 495 32 32 = = 76980 34578 84709 ... 11743 41086 89723 = = 495 495 32 32 (no nulls)	MCW	(AB-RUS)
M14	4650	4-7	0900	Sat	523 495 495 32 32 = = 76980 34578 84709 ... 11743 41086 89723 = = 495 495 32 32 00000	MCW	(AB-RUS)
M14	16347	10-7	0930	Fri	617 380 380 149 149 = = 42220 88539 20956 ... 50874 67751 97421 = = 380 380 149 149 00000	CW	(AB)
M14	14878	11-7	0930	Sat	617 380 380 149 149 = = 42220 88539 20956 ... 50874 67751 97421 = = 380 380 149 149 00000	CW	(AB)
M14	6864	14-7	1820	Tue	163 191 191 32 32 = = 16432 76541 81490 ... 72435 76345 63190 = = 191 191 32 32 000	MCW	(AB-POL/MPJ)
M14	5935	15-7	1920	Wed	417 191 191 32 32 = = 16432 76541 81490 ... 72435 76345 63190 = = 191 191 32 32 00000	MCW	(AB)
M14	4730	18-7	0800	Sat	523 932 932 32 32 = = 45891 34210 56890 ... 23405 91054 41405 = = 932 932 32 32 00000	MCW	(AB-RUS)
M14	4730	25-7	0800	Sat	523 623 623 33 33 = = 42156 67452 85321 ... 11011 (1011) 59288 88912 = 33 62S 6S 3 00000. Contains errors	MCW	(AB-RUS)
M14	4650	25-7	0900	Sat	523 623 623 33 33 = = 42156 67452 85321 ... 11011 59288 88912 = = 33 33 623 623 00000	MCW	(AB-RUS)
M14	16347	25-7	0930	Sat	617 617 617 00000	CW	(AB)
M14	4890	26-7	2300	Sun	617 260 30 = 25091 …	MCW	(HFD)
M14	4760	27-7	0000	Mon	617 260 30 = 25091 …	MCW	(HFD)
M21	5732.5	4-7	0556	Sat	=9900856??8???? =9900857??8???? =9900858??8????	CW	(F5JBR)
M21	7249	5-7	0631	Sun	=990933??0????? =990934??0????? =990935??0?????	CW	(F5JBR)
M21	6421.5	5-7	0633	Sun	=990933??8????? =990934??8????? =990935??8?????	CW	(F5JBR)
M21	4791	6-7	0511	Mon	=990814??0????? =990814??0????? =990816??0?????	CW	(F5JBR)
M21	3246.5	12-7	0306	Sun	=990609??0????? =990610??0????? =990611??0?????	CW	(F5JBR)
M21	5732.5	12-7	0343	Sun	=990643??8????? =990644??8????? =990645??8?????	CW	(F5JBR)

M21	6421.5	12-7	0413	Sun	=990713???8???? =990714??8????? =990715??8????? //5732.5 kHz	CW	(F5JBR)
M21	3185	12-7	0438	Sun	=990738??8????? =990739??8????? =990740??8????? //5732.5 and 6421.5 kHz	CW	(F5JBR)
M21	4603	20-7	0642	Mon	1909728 19000232 009728 03780478100 0942 511597 972803780 5144 03783 9291000946 511800 0097590 23871191000094 63	CW	(F5JBR)
M32	5226	8-7	1232	Wed	XXX XXX 1ShchRF 1ShchRF 78243 FABRIKAT 2356 9118 K	CW	(Gwr)
M32	6963	8-7	1723	Wed	DHOK 156 37 8 2010 156 = 050 = 06520 74633 55413 ... 64464 87920 08044 464 K	CW	(AB)
M32	8109	14-7	0717	Tue	XXX XB2M 63172 ZETONAJM 5078 9325 K	CW	(F5JBR)
M32	5911	24-7	0500	Fri	XXX 8S1Q MOROTNYJ 6581 K	CW	(F5JBR)
M32	5292	27-7	1107	Mon	XXX XXX WEGI WEGI 79846 REZIST 6789 9479 K	CW	(Gwr)
M32	5292	30-7	1112	Thu	XXX XXX 1ShchRF 1ShchRF 09322 BODRENDEKIJ 8366 1226 FORTODZhA 2527 3884 K	CW	(Gwr)
M32	5227	30-7	1131	Thu	XXX XXX 1ShchRF 1ShchRF 83561 SOChOHWAT 7654 1110 KAPTYeRKA 5425 3823 GUAMOFANG 6086 2805 K	CW	(Gwr)
M32	5227	30-7	1215	Thu	XXX XXX 1Shch 1ShchRF 55563 MONTER 7844 2262 K	CW	(Gwr)
M41	4317.5	6-7	0502	Mon	9VDI 722 19487 00037 19991 2881090 0800 RPT 722 19487 00037 19991 2881090 0800 9VDI K	CW	(F5JBR)
M41	4844.5	8-7	0624	Wed	8500 441 2789 24 8500 441 2716 25 517 8500 7180 511 800 6600 451 27 03 26 8500 442 4765 27	CW	(F5JBR)
M41	4959	9-7	1331	Thu	145722194850303220 72128710901625 ABV 145722194850303220 72128710901625 K66E K	CW	(F5JBR)
M41	5479.5	9-7	1450	Thu	032 29 95 516 032 29 95 51 517 9516 41 35 511 400 9516 032 29 96 52	CW	(F5JBR)
M41	4735	11-7	0701	Sat	i.p. 1800 0460 0240 0590 0860 2000 0530 0200 0640 0890 2200 0530 0200 0640 0500 0000 0430 0200 0520 0730	CW	(F5JBR-HNG)
M41	4735	12-7	0700	Sun	PROMRÖ = 12 07 = 1000 0510 0320 0670 1110 1200 = ABV = VVV VVV PROMRÖ 12 07 = 1000 0510 0320 0670 1110 ...	CW	(F5JBR-ROU)
M41	4844.3	12-7	0940	Sun	722 194 8501 037 1036 1 617 2 180 12 34 K K K 722 194 8501 037 1036 1 617 2 180 12 34 K K K	CW	(F5JBR-UKR)
M41	7604	14-7	0648	Tue	003001 8060 1221048 48 =3001 8069123 104549 = 3001 8069 123 1044 51 = 3001 8069125 107559 =	CW	(F5JBR)
M41	4573.8	14-7	0710	Tue	8500 44047 48 09 8500 4424636 10 2 EEEEE 192 8500 1010 K	CW	(F5JBR)
M41	4959	15-7	0636	Wed	K66E 19499000311645129323300934 ABV 19499000311645129323300934 K66E K	CW	(F5JBR)
M41	5175.5	24-7	1152	Fri	7221948701 0371798154321701446 RPT 7221948701 0371798154321701446 K 00971103 009713037138591421454 511644 ...	CW	(F5JBR)
M42	14932	7-7	1154	Tue	Russian diplo/intel.	MFSK-66	(AB)
M42	17516	15-7	1101	Wed	Russian diplo/intel.	MFSK	(AB)
M42	14838	27-7	0910	Mon	Russian diplo/intel.	MFSK	(AB)
M42a	11797	4-7	0526	Sat	QSA 3 K K AA AA K. QSA 3 K K VVV VVV	CW	(F5JBR)
M42a	14258	6-7	0842	Mon	VVV VVV VVV QSA 3 K VVV VVV QSA 3 K VVV VVV QSA 3 K NW AA NW AA 27666 AA 54124 AA 54124 AA RPT 34998 AA (msg in RTTY) VVV VVV QSA 3 K	CW + Baudot ITA2 50/500	(F5JBR)
M42b	5897	1-7	0622	Wed	VVV TIGR TIGR TIGR DE GX7N GX7N K 264 101 01 0620 8391 = 91892 40783 14341 ... 37461 47184 =100= 36846	CW	(AB)

M42b	6776	1-7	0624	Wed	GX7N GX7N GX7N DE TIGR TIGR K 004 130 1 0620 1234 = 34567 67543 64567 ... 62345 57643 356X9 (incomplete message)	CW + Baudot ITA2 50/500	(AB)
M42b	5897	2-7	0622	Thu	VVV TIGR TIGR TIGR DE GX7N GX7N K 286 101 02 0620 1926 = 91892 40782 14241 ... 27461 47184 =100= 26846 CFM NIL SK	CW + Baudot ITA2 50/500	(AB)
M42b	6776	2-7	0624	Thu	GX7N GX7N GX7N DE TIGR TIGR K 548 110 02 0620 5429 = 98670 76458 76450 ... 42127 41225 24217	CW + Baudot ITA2 50/500	(AB)
M42b	6776	4-7	0620	Sat	GX7N GX7N GX7N DE TIGR TIGR K 115 101 04 0610 1539 = 62356 76369 61751 ... 04187 36806 =100= 38811	CW + Baudot ITA2 50/500	(AB)
M42b	5897	4-7	0620	Sat	VVV TIGR TIGR TIGR DE GX7N GX7N K 295 101 04 0610 1517 = 91892 40783 14341 ... 37461 47184 =100= 36846	CW + Baudot ITA2 50/500	(AB)
M42b	5857	5-7	0550	Sun	HXMT wkg SFDZ (QSX 6993 kHz)	CW + Baudot ITA2 50/500	(F5JBR)
M42b	5897	5-7	0618	Sun	VVV TIGR TIGR TIGR DE GX7N GX7N K 300 101 05 0620 3568 =	CW + Baudot ITA2 50/500	(AB)
M42b	6776	5-7	0627	Sun	GX7N GX7N GX7N DE TIGR TIGR K 190 100 05 0620 1543 = 23654 12654 65437 (incomplete message)	CW + Baudot ITA2 50/500	(AB)
M42b	9124	5-7	0657	Sun	LKDW wkg PRAT	CW + Baudot ITA2 50/500	(F5JBR)
M42b	5857	6-7	0550	Mon	SFDZ wkg HXMT (QSX 6993 kHz)	CW + Baudot ITA2 50/500	(F5JBR)
M42b	6993	6-7	0550	Mon	SFDZ wkg HXMT (QSX 5857 kHz)	CW + Baudot ITA2 50/500	(F5JBR)
M42b	4531	7-7	1342	Tue	2UZB wkg unid station: 102 90 07 1330 0808 = 09678 89567 80976 ... 78467 80978 87647	CW + Baudot ITA 50/500	(F5JBR)
M42b	6993	8-7	0548	Wed	SFDZ wkg HXMT QSX 5857 kHz. 055 105 9 0535 2963 = 84540 03573 85502 ... 51395 05235 83890 - 0557 QRU NIL SK	CW + Baudot ITA2 50/500	(F5JBR)
M42b	6776	8-7	0622	Wed	GX7N GX7N GX7N DE TIGR TIGR K 431 120 08 0620 7129 = 65437 43125 76345 ... 43129 65430 56473	CW + Baudot ITA2 50/500	(AB)
M42b	5897	8-7	0622	Wed	TIGR TIGR TIGR DE GX7N GX7N K 337 101 08 0620 9174 = 91892 40783 14341 ... 37461 47184 =100= 36846 CFM NIL SK	CW	(AB)
M42b	5897	9-7	0622	Thu	VVV TIGR TIGR TIGR DE GX7N GX7N K 342 101 09 0620 1267 = 91892 40783 14341 ... 37461 47184 =100= 36846 CFM NIL QRU? K	CW + Baudot ITA2 50/500	(AB)
M42b	6776	9-7	0624	Thu	VVV GX7N GX7N GX7N DE TIGR TIGR K 763 104 09 0620 7491 = 36518 48910 78503 ... 87934 00964 66878 CFM NIL K SK	CW + Baudot ITA2 50/500	(AB)
M42b	5425	9-7	1435	Thu	K5LW wkg F8IR. 447 124 9 1430 5544 = 447 124 9 1430 5544 = 83073 7239 39469 ... 72675 15430 00714 -1440 K QRU NIL SK	CW + Baudot ITA2 50/500	(F5JBR)
M42b	5897	10-7	0621	Fri	VVV TIGR TIGR TIGR DE GX7N GX7N K 347 101 10 0620 8745 = 91892 40783 14341 ... 34509 44688 51629 Stopped. Nothing further.	CW + Baudot ITA2 50/500	(AB)
M42b	6776	10-7	0621	Fri	VVV GX7N GX7N GX7N DE TIGR TIGR K 066 140 10 0620 4589 = 67458 67453 87698 ... 76548 65423 43125 CFM NIL QRU? K	CW + Baudot ITA2 50/500	(AB)
M42b	8067	11-7	0542	Sat	W9QP wkg LM7K	CW	(F5JBR)
M42b	8047	11-7	0544	Sat	W9SP wkg LM7K (QSX 6791 kHz)	CW + Baudot ITA2 50/500	(F5JBR)
M42b	5421	12-7	0448	Sun	UOZG wkg WDAK (QSX 5903 kHz) msg i.p. 30544 86954 24607 ... 75103 54231 -0451 QRU NIL SK	CW + Baudot ITA2 50/500	(F5JBR)
M42b	6993	12-7	0553	Sun	SFDZ wkg HXMT (QSX 5857 kHz)	CW + Baudot ITA2 50/500	(F5JBR)

M42b	6776	12-7	0620	Sun	VVV GX7N GX7N GX7N DE TIGR TIGR K 989 102 12 0620 5873 = 14564 46584 76456 ... 23419 =100= 53478 23108 CFM NIL K SK	CW + Baudot ITA2 50/500	(AB)
M42b	8116	12-7	0659	Sun	PRAT wkg LKDW (QSX 7654 kHz)	CW + Baudot ITA2 50/500	(F5JBR)
M42b	5897	13-7	0618	Mon	TIGR TIGR TIGR DE GX7N GX7N K 361 101 13 0620 1267 = 91892 40783 14341 ... 37461 47184 =100= 36846 CFM NIL QRU? K	CW + Baudot ITA2 50/500	(AB)
M42b	6776	13-7	0620	Mon	VVV GX7N GX7N GX7N DE TIGR TIGR K 115 110 13 0620 3489 = 98670 76458 76450 ... 43127 41325 34217 CFM NIL K SK	CW + Baudot ITA2 50/500	(AB)
M42b	5897	14-7	0619	Tue	VVV TIGR TIGR TIGR DE GX7N GX7N K 365 101 14 0620 3791 = 91892 40783 14341 ... 37461 47184 =100= 36846 CFM NIL QRU? K	CW + Baudot ITA2 50/500	(AB)
M42b	8067	14-7	0632	Tue	TI4O wkg W7AD	CW	(F5JBR)
M42b	8097	14-7	0634	Tue	TI4O wkg W7AD. 026 180 14 0630 2587 = 09587 40034 66892 25798 63084 -0644	CW + Baudot ITA2 50/500	(F5JBR)
M42b	6776	15-7	0620	Wed	GX7N GX7N GX7N DE TIGR TIGR K 649 100 15 0620 5460 = 12390 43215 249_0 ... 59860 43215 43901 =100= CFM NIL K SK	CW + Baudot ITA2 50/500	(AB-POL)
M42b	6776	16-7	0619	Thu	VVV GX7N GX7N GX7N DE TIGR TIGR K 101 100 16 0620 5690 = 23654 12654 65437 ... 16406 48690 (incomplete message)	CW + Baudot ITA2 50/500	(AB)
M42b	5897	16-7	0620	Thu	VVV TIGR TIGR TIGR DE GX7N GX7N K 374 101 16 0620 8391 = 91892 40783 14341 ... 37461 47184 =100= 36846 CFM NIL QRU? K	CW + Baudot ITA2 50/500	(AB)
M42b	5897	19-7	0620	Sun	TIGR TIGR TIGR DE GX7N GX7N K 389 101 19 0620 8391 = 91892 40783 14341 ... 37461 47184 =100= 36846 CFM NIL QRU? K	CW + Baudot ITA2 50/500	(AB-POL)
M42b	6776	19-7	0620	Sun	VVV GX7N GX7N GX7N DE TIGR TIGR K 348 104 19 0620 4896 = 36518 48910 78503 ... 87934 00964 66878 CFM NIL K SK	CW + Baudot ITA2 50/500	(AB-POL)
M42b	5897	20-7	0619	Mon	VVV TIGR TIGR TIGR DE GX7N GX7N K 394 101 20 0620 4792 = 91892 40783 14341 ... 37461 47184 =100= 36846	CW + Baudot ITA2 50/500	(AB)
M42b	6776	20-7	0619	Mon	GX7N GX7N GX7N DE TIGR TIGR K VVV	CW	(AB)
M42b	5903	24-7	0448	Fri	UOZG wkg WDAK. QSX 5421 kHz. Message i.p. 28253 18_85 44682 =100= 44935 72031 -0457	CW _ Baudot ITA2 50/500	(F5JBR)
M42b	5421	24-7	0448	Fri	UOZG wkg WDAK. QSX 5903 kHz. 477 101 24 0445 7645 91892 40783 14341 ... 46394 37461 47184 =100=	CW _ Baudot ITA2 50/500	(F5JBR)
M42b	5897	26-7	0620	Sun	TIGR TIGR TIGR DE GX7N GX7N K 324 101 26 0626 2963 = 91892 40783 14341 ... 37461 47184 =100= 36846	CW + Baudot ITA2 50/500	(AB-RUS)
M42b	6776	26-7	0620	Sun	GX7N GX7N GX7N DE TIGR TIGR K 465 104 26 0620 5634 = 36518 48910 78503 ... 87934 00964 66878 CFM NIL K SK SK	CW + Baudot ITA2 50/500	(AB-POL)
M51b	6825	14-7	1655	Tue	Non-stop 5-character stream composed of M51a messages //3881 kHz	CW	(AB)
M51b	3881	14-7	1655	Tue	Non-stop 5-character stream composed of M51a messages //6825 kHz	CW	(AB)
M89	4888	2-7	1158	Thu	V QYE2 (x3) DE 9WFV (x2)	CW	(JPL)
M89	7653	2-7	1200	Thu	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	4679	2-7	1202	Thu	i.p. FFF NR 1193/EX 2000 = W6T2/U.3 AR QSY 02 QSY 02 VVV	CW	(JPL)
M89	4790	2-7	1205	Thu	i.p. /M DE Z NR 1327/EX 200. = .CP/..Q. AR 27/..	CW	(JPL)
M89	5451	2-7	1209	Thu	i.p. QSY 05 QSY 05 VVV	CW	(JPL)

M89	5613	2-7	1210	Thu	i.p. FFF NR 233/EX TIME 2009 = D3E./E5E2 AR FFF NR 123/EX TIME 2009 = BSTE0/E5E. QSY 04 QSY 04 VVV	CW	(JPL)
M89	5325	2-7	1216	Thu	i.p. NR 1097/EX 2018 = G1H0/YON8 AR NR 1097/EX 2018 = G1H0/Y0N8 AR QSY 27 QSY 27 VVV	CW	(JPL)
M89	5474	2-7	1218	Thu	i.p. A4S5 /W3N8 AR NR 1098/EX 2021 = A4S5/W3N8 AR QSY 18 QSY 18 VVV	CW	(JPL)
M89	5287	2-7	1218	Thu	i.p. QSY SQSY 17 QSY 17 VVV	CW	(JPL)
M89	5502	2-7	1221	Thu	i.p. QSY 20 VVV	CW	(JPL)
M89	5338	2-7	1222	Thu	i.p. FF NR 1457/EX TIME 2021 = S8W6/Y6I5 AR NR 1457/EX TIME 2021 = S0W6/Y6I5 AR QSY 27 QSY 27 VVV	CW	(JPL)
M89	5398	2-7	1225	Thu	i.p. J7/L2S5 AR NR 1219/EX 2024 = H4O7/L2D5 AR QSY 81 QSY 81 VVV	CW	(JPL)
M89	5348	2-7	1228	Thu	i.p. 2027 = S9W3/S8PI AR SK SK	CW	(JPL)
M89	8182	4-7	0720	Sat	QYE2 de 9WFV V	CW	(F5JBR)
M89	7653	8-7	1531	Wed	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	4489	8-7	1533	Wed	V DM6H (x3) DE 1HM4 (x2)	CW	(JPL)
M89	4888	8-7	1538	Wed	V QYE2 (x3) DE 9WFV (x2) //3596	CW	(JPL)
M89	3596	8-7	1538	Wed	V QYE2 (x3) DE 9WFV (x2) //4888	CW	(JPL)
M89	6824	16-7	0952	Thu	V QYE2 (x3) DE 9WFV (x2)	CW	(JPL)
M89	4800	16-7	1008	Thu	i.p. 56N4 375D 4AT6 TDU4 ... RPT P.. N ACK RMKS TA TIME TIME .. K	CW	(JPL)
M89	3596	16-7	1823	Thu	V QYE2 (x3) DE 9WFV (x2) //4888	CW	(JPL)
M89	4888	16-7	1823	Thu	V QYE2 (x3) DE 9WFV (x2) //3596	CW	(JPL)
M89	5648	16-7	1840	Thu	V JKMP (x3) DE RDQY (x2)	CW	(JPL)
M89	5075	16-7	1847	Thu	i.p. 4D65 UUAD T4T4 N3AU 4T5U ... AR K. R RPT 17 43W = 565D 565D AR K	CW	(JPL)
M89	8360	26-7	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6840, 8290	CW	(JPL)
M89	4860	26-7	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) ///5640, 6840, 8290, 8360	CW	(JPL)
M89	5640	26-7	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 6840, 8290, 8360	CW	(JPL)
M89	8290	26-7	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6840, 8360	CW	(JPL)
M89	6840	26-7	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 8290, 8360	CW	(JPL)
M89	5691	26-7	1127	Sun	V DM6H (x3) DE 1HM4 (x2) ...	CW	(JPL)
M89	7620	26-7	1130	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	26-7	1130	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620)	CW	(JPL)
M89	4611	26-7	1201	Sun	i.p. FF NR 5407/EX 2002 = KW7T/OPS6 AR FF NR 5407/EX 2002 = KW7T/OPS6 AR QSY 03 QSY 03 VVV	CW	(JPL)
M89	4293	26-7	1201	Sun	i.p. U36T 354N 6ATA 6TDN 7373 A375 ...	CW	(JPL)
M89	4435	26-7	1204	Sun	i.p. A3ND 4DUT 55NU A36T ...	CW	(JPL)
M89	5043	26-7	1212	Sun	i.p. 7DA6 46U3 DT3A 7A6U 6A4N 7A6D ...	CW	(JPL)
M89	4362	26-7	1217	Sun	i.p. R QSL 2019 K (IP – 1219z)	CW	(JPL)
M89	4579	26-7	1217	Sun	i.p. 3A33 453T UADN II = TTAN 5774 ...	CW	(JPL)
M89	5338	26-7	1225	Sun	i.p. T536 D374 654U 5D3N ADN3 3DT4 ...	CW	(JPL)
M89	5300	26-7	1228	Sun	i.p. 6D6N 7N4A NA5T 6T34 N6NT ...	CW	(JPL)
M89	5062	26-7	1230	Sun	i.p. 535A 74U4 765N 5TNA N5UD UUUN UAT4 ...	CW	(JPL)

M89	3596	26-7	1232	Sun	V QYE2 (x3) DE 9WFV (x2) //4888	CW	(JPL)
M89	4888	26-7	1232	Sun	V QYE2 (x3) DE 9WFV (x2) //3596	CW	(JPL)
M89	4366	26-7	1235	Sun	i.p. D5AD 335T 4T3N ANU7 75NA 43A6 ..	CW	(JPL)
M89	4860	27-7	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6840 and 8290 and 8360	CW	(JPL)
M89	8290	27-7	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5940 and 6840 and 8360	CW	(JPL)
M89	8360	27-7	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5940 and 6840 and 8290	CW	(JPL)
M89	5640	27-7	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840 and 8290 and 8360	CW	(JPL)
M89	6840	27-7	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5940 and 8290 and 8360	CW	(JPL)
M89	6827	27-7	1127	Mon	V QYE2 (x3) DE 9WFV (x2) //4888	CW	(JPL)
M89	4888	27-7	1127	Mon	V QYE2 (x3) DE 9WFV (x2) //6824	CW	(JPL)
M89	7620	27-7	1130	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	27-7	1130	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	4266	27-7	1135	Mon	i.p. 29 0727 1933 RMKS = 7553 TO 9593 K	CW	(JPL)
M89	4888	27-7	1158	Mon	V QYE2 (x3) DE 9WFV (x2) //3596	CW	(JPL)
M89	3596	27-7	1158	Mon	V QYE2 (x3) DE 9WFV (x2) //4888	CW	(JPL)
M89	5322	27-7	1217	Mon	V JKMP (x3) DE RDQY (x2)	CW	(JPL)
M89	5666.6	27-7	1223	Mon	i.p. NR 7... CK 499 32 0725 0904 RMKS 0278 TO 0.48 K	CW	(JPL)
M89	8357	27-7	2316	Mon	i.p. 4U6D 7TU6 N47T A683 T34D NU56 ATUD ...	CW	(JPL)
M89	8789	27-7	2317	Mon	i.p. 6DAN UNT4 5DU7 ...	CW	(JPL)
M89	8290	27-7	2320	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5940 and 6840 and 8360	CW	(JPL)
M89	5640	27-7	2320	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840 and 8290 and 8360	CW	(JPL)
M89	6840	27-7	2320	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5940 and 8290 and 8360	CW	(JPL)
M89	4860	27-7	2320	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6840 and 8290 and 8360	CW	(JPL)
M89	8350	27-7	2330	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	6614	27-7	2338	Mon	i.p. RMKS 7031364 TO 7031369 K MSG NR 5042 66 67 0728 0950 RMKS 703AR 364 TO 7031369	CW	(JPL)
M89	3534.8	29-7	1855	Wed	i.p. RMKS 6966085 TO 6966086 K R AUND 3D4A A3TU 367D 3DU4 UT56 AD73 3UTA NU6D (Cont'd) AR K	CW	(JPL)
M95	4364	2-7	1136	Thu	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0515 CK 150 35 0702 1623 = TTU 3U6 3AN 3U7 TAU ... //8073	CW	(JPL)
M95	8073	2-7	1136	Thu	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0515 CK 150 35 0702 1623 = TTU 3U6 3AN 3U7 TAU ... //4364	CW	(JPL)
M95	4243	2-7	1149	Thu	VV HR MSG TO YR PSE CY NR 083 CK 37 35 0702 1525 = 5AA UTT TTU ... //9054	CW	(JPL)
M95	9054	2-7	1149	Thu	VV HR MSG TO YR PSE CY NR 083 CK 37 35 0702 1525 = 5AA UTT TTU ... //4243	CW	(JPL)
M95	5479	2-7	1233	Thu	V YHXD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	2-7	1233	Thu	V YHXD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	8831	4-7	0748	Sat	FR57 wkg D2WL. MSG NR 581/CCK CK37 640912 1438 RMRKS = 8121 TO 1342 AR K	CW	(F5JBR)
M95	3968	8-7	1528	Wed	V YHXD (x3) DE SAQC (x2)	CW	(JPL)
M95	10722	16-7	0946	Thu	V YHXD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	5479	16-7	0946	Thu	V YHXD (x3) DE SAQC (x2) //10722	CW	(JPL)

M95	3968	16-7	1830	Thu	V YHXD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	16-7	1830	Thu	V YHXD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	4364	26-7	1136	Sun	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0569 CK 174 35 0726 1633 = //8073	CW	(JPL)
M95	8073	26-7	1136	Mon	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0571 CK 202 35 0727 1536 = //4364	CW	(JPL)
M95	8073	26-7	1136	Sun	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0569 CK 174 35 0726 1633 = //4364	CW	(JPL)
M95	4364	26-7	1136	Mon	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0571 CK 202 35 0727 1536 = //8073	CW	(JPL)
M95	4243	26-7	1153	Sun	VV HR MSG TO YR PSE CY NR 032 CK 31 35 0726 1524 = 5AA UTT TU6 3U6 3A4 ...	CW	(JPL)
M95	6936	26-7	1654	Sun	V YHXD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	3968	26-7	1654	Sun	V YHXD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	4243	27-7	1147	Mon	VV HR MSG TO YR PSE CY NR 034 CK 39 35 0727 1530 = 5AA UTT TU7 3U6 3A4 ... //9054	CW	(JPL)
M95	9054	27-7	1147	Mon	VV HR MSG TO YR PSE CY NR 034 CK 39 35 0727 1530 = 5AA UTT TU7 3U6 3A4 ... //4243	CW	(JPL)
M95	10722	27-7	1204	Mon	V YHXD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	5479	27-7	1204	Mon	V YHXD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	3968	27-7	2306	Mon	V YHXD (x3) DE SAQC (x2)	CW	(JPL)
M95	4243	27-7	2347	Mon	i.p. 0728 0642 = 5AA UTT TUD 3U4 3A4 5T7 5TD 75U (Cont'd) AR MSG AGN //9054	CW	(JPL)
M95	9054	27-7	2347	Mon	i.p. 0728 0642 = 5AA UTT TUD 3U4 3A4 5T7 5TD 75U (Cont'd) AR MSG AGN //4243	CW	(JPL)
M95	3968	29-7	1842	Wed	V YHXD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	29-7	1842	Wed	V YHXD (x3) DE SAQC (x2) //3968	CW	(JPL)
MX	10871.7	15-7	1955	Wed	Beacon D, Sevastopol	CW	(Dan)
MX	10872.4	16-7	0658	Thu	Bacon M, Magadan	CW	(AB-RUS)
MX	10872.2	16-7	0658	Thu	Bacon F, Vladivostok	CW	(AB-RUS)
MX	10872.2	23-7	0710	Thu	Beacon F, Vladivostok	CW	(AB-RUS)
MX	8495.3	23-7	0718	Thu	Beacon K, Petropavlovsk Kamchatskiy	CW	(AB-RUS)
MX	8495.2	23-7	0718	Thu	Beacon F, Vladivostok	CW	(AB-RUS)
MX	7039.2	23-7	0718	Thu	Beacon F, Vladivostok	CW	(AB-RUS)
MX	5154.4	23-7	0718	Thu	Beacon M, Magadan	CW	(AB-RUS)
MX	13528.4	23-7	0719	Thu	Beacon M, Magadan	CW	(AB-RUS)
MX	13529.3	23-7	0719	Thu	Beacon K, Petropavlovsk Kamchatskiy (off freq)	CW	(AB-RUS)
MX	13527.7	23-7	1415	Thu	Beacon P, Kaliningrad	CW	(AB)
MX	13528.1	23-7	1415	Thu	Beacon A, Astrakhan	CW	(AB)
MX	13528	23-7	1415	Thu	Beacon C, Moscow	CW	(AB)
MX	13527.9	23-7	1415	Thu	Beacon S, Sevoromorsk	CW	(AB)
MX	13527.8	23-7	1415	Thu	Beacon D, Sevastopol	CW	(AB)
MX	16331.8	23-7	1417	Thu	Beacon D, Sevastopol	CW	(AB)
MX	8294.7	23-7	1418	Thu	Beacon P, Kaliningrad	CW	(AB)
MX	7508.7	23-7	1419	Thu	Beacon P, Kaliningrad	CW	(AB)
MX	10871.8	23-7	1420	Thu	Beacon D, Sevastopol	CW	(AB)
MX	10872	23-7	1420	Thu	Beacon C, Moscow	CW	(AB)
MX	10871.7	23-7	1420	Thu	Beacon P, Kaliningrad	CW	(AB)
MX	10871.9	23-7	1420	Thu	Beacon S, Sevoromorsk	CW	(AB)

P03e	14415	3-7	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	3-7	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	5-7	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	5-7	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	7-7	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	7-7	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	10-7	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03e	14415	10-7	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03e	14415	12-7	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	12-7	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5149	12-7	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	12-7	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	14-7	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	14-7	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	17-7	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	17-7	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	19-7	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	19-7	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5149	19-7	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	19-7	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	24-7	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	24-7	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	26-7	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	26-7	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	26-7	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	26-7	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	31-7	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	31-7	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03f	13537	1-7	0530	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	1-7	0535	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	6-7	0530	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	6-7	0535	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	8-7	0530	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	8-7	0535	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	13-7	0530	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	13-7	0535	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	15-7	0530	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	15-7	0535	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	20-7	0530	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	20-7	0535	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)

P03f	13537	22-7	0530	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	22-7	0535	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	27-7	0530	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	27-7	0535	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	29-7	0530	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	29-7	0535	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03j	17410	1-7	0630	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	1-7	0635	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	1-7	1330	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	1-7	1335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	3-7	1330	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	16335	3-7	1335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	16335	5-7	1330	Sun	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	5-7	1335	Sun	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	6-7	0630	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	6-7	0635	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	8-7	0630	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	8-7	0635	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	8-7	1330	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	8-7	1335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	10-7	1330	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	10-7	1335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	13-7	0630	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	13-7	0635	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	15-7	0630	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	15-7	0635	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	17-7	1330	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	16335	17-7	1335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	17410	20-7	0630	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	20-7	0635	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	22-7	0630	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	22-7	0635	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	22-7	1330	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	22-7	1335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	24-7	1330	Fri	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03j	16335	24-7	1335	Fri	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03j	17410	27-7	0630	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	27-7	0635	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	29-7	0630	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	29-7	0635	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)

P03j	16335	29-7	1330	Wed	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	16335	29-7	1335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	16335	31-7	1330	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	31-7	1335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03k	16125	1-7	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	1-7	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	3-7	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	3-7	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5779	3-7	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5779	3-7	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	4-7	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	4-7	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	4-7	1140	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	4-7	1145	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	4-7	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5409	4-7	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5344	4-7	1500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	4-7	1505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	4-7	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	4-7	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6304	5-7	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	5-7	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	5-7	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	5-7	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	5-7	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	5-7	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	5-7	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	5-7	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	6-7	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	6-7	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5779	6-7	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	6-7	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	7-7	1140	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	7-7	1145	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	8-7	1500	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5344	8-7	1505	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	8-7	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	8-7	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	10-7	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	10-7	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	9130	10-7	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	10-7	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	10-7	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	10-7	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6304	11-7	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	11-7	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	11-7	1140	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	11-7	1145	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	11-7	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	11-7	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	11-7	1500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	11-7	1505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	11-7	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/RL-D/MPJ)
P03k	16125	11-7	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6304	12-7	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	12-7	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	12-7	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	12-7	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	12-7	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5409	12-7	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	12-7	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	12-7	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	13-7	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	13-7	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	13-7	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5779	13-7	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	14-7	1140	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	14-7	1145	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	15-7	1500	Wed	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	5344	15-7	1505	Wed	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	16125	15-7	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	15-7	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	17-7	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	17-7	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	17-7	1500	Fri	Polish intel. Distorted signal	BPSK 100Bd/480bp	(AB)
P03k	9130	17-7	1505	Fri	Polish intel. Distorted signal	BPSK 100Bd/480bp	(AB)
P03k	5779	17-7	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	17-7	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6304	18-7	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	18-7	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	13873	18-7	1140	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	18-7	1145	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	18-7	1500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5344	18-7	1505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	18-7	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	18-7	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	19-7	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	19-7	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	19-7	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	19-7	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	19-7	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	19-7	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	19-7	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	19-7	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	19-7	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	19-7	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	20-7	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	20-7	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5779	20-7	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5779	20-7	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	21-7	1140	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	21-7	1145	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	22-7	1500	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5344	22-7	1505	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	22-7	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	22-7	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	24-7	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	24-7	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	24-7	1500	Fri	Polish intel. Distorted signal	BPSK 100Bd/480bp	(AB)
P03k	9130	24-7	1505	Fri	Polish intel. Distorted signal	BPSK 100Bd/480bp	(AB)
P03k	5779	24-7	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	24-7	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6304	25-7	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	25-7	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	25-7	1140	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	25-7	1145	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	25-7	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	25-7	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	25-7	1500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	25-7	1505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	16125	25-7	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	25-7	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	26-7	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	26-7	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	26-7	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	26-7	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	26-7	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	26-7	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	26-7	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	26-7	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	26-7	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	26-7	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	27-7	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	27-7	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	27-7	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5779	27-7	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	28-7	1140	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	28-7	1145	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	29-7	1500	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5344	29-7	1505	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	29-7	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	29-7	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	31-7	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	31-7	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	31-7	1500	Fri	Polish intel. Distorted signal	BPSK 100Bd/480bp	(AB)
P03k	9130	31-7	1505	Fri	Polish intel. Distorted signal	BPSK 100Bd/480bp	(AB)
P03k	5779	31-7	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	31-7	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03l	8597	1-7	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	8597	1-7	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	5082	3-7	1230	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03l	5082	3-7	1235	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03l	5409	4-7	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	5409	4-7	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	5409	5-7	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	5409	5-7	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	8597	5-7	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	8597	5-7	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	8597	8-7	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	8597	8-7	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)

P03I	5082	8-7	1230	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5082	8-7	1235	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5082	10-7	1230	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5082	10-7	1235	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5409	12-7	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	12-7	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	12-7	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	12-7	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	15-7	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	15-7	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5082	15-7	1230	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5082	15-7	1235	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5082	17-7	1230	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5082	17-7	1235	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	18-7	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	18-7	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	19-7	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	19-7	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	19-7	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	8597	19-7	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5082	24-7	1230	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5082	24-7	1235	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	25-7	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	25-7	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	26-7	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	26-7	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	26-7	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	8597	26-7	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	8597	29-7	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	29-7	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5082	31-7	1230	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5082	31-7	1235	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
Q26	8073	2-7	1134	Thu	BNGC DE XSV85 msg to BNGC //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	2-7	1134	Thu	BNGC DE XSV85 msg to BNGC //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	2-7	1144	Thu	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	2-7	1144	Thu	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	26-7	1132	Sun	BNGC DE XSV85 msg to BNGC //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	26-7	1132	Sun	BNGC DE XSV85 msg to BNGC //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	26-7	1142	Sun	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	27-7	1130	Mon	BNGC DE XSV85 //4364	4+4 QPSK 75/3000 LSB	(JPL)

Q26	4364	27-7	1130	Mon	BNGC DE XSV85 //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	27-7	1142	Mon	Message //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	27-7	1142	Mon	Message //4243	4+4 QPSK 75/3000 LSB	(JPL)
S06	9336	3-7	2000	Fri	452 452 452 00000	USB	(AB)
S06	7315	3-7	2100	Fri	452 452 452 00000	USB	(AB)
S06	15875	9-7	0830	Thu	842 under CRI 15870	USB	(HFD)
S06	13469	9-7	0930	Thu	842-601/37=23074 via	USB	(HFD)
S06	9336	17-7	2000	Fri	452 452 452 00000	USB	(AB)
S06	7315	17-7	2100	Fri	452 452 452 00000	USB	(AB)
S06c	14617	2-7	0700	Thu	14617 (R)	USB	(Danix-KOR)
S06s	14977	1-7	0730	Wed	172 406 5 92440 79290 86352 67315 22202 406 5 00000	USB	(AB)
S06s	11530	1-7	0730	Wed	172 406 5 92440 79290 86352 67315 22202 406 5 00000	USB	(AB)
S06s	11565	1-7	0830	Wed	464 217 5 91943 06309 03380 31978 71641 217 5 00000	USB	(AB)
S06s	12560	1-7	0840	Wed	464 217 5 91943 06309 03380 31978 71641 217 5 00000	USB	(AB)
S06s	14580	1-7	1000	Wed	276 418 5 53318 04477 76580 83166 43078 418 5 00000	USB	(AB)
S06s	16020	1-7	1010	Wed	276 418 5 53318 04477 76580 83166 43078 418 5 00000	USB	(AB)
S06s	9255	2-7	0930	Thu	698 217 5 52989 47624 28885 30877 90463 217 5 00000	USB	(AB)
S06s	10325	2-7	0940	Thu	698 217 5 52989 47624 28885 30877 90463 217 5 00000	USB	(AB)
S06s	13145	2-7	1200	Thu	175 420 6 47463 51387 33375 05064 88562 35413 420 5 00000	USB	(AB)
S06s	14535	2-7	1210	Thu	175 420 6 47463 51387 33375 05064 88562 35413 420 5 00000	USB	(AB)
S06s	10290	3-7	0830	Fri	156 843 7 88720 58693 61733 74537 10597 23521 37660 843 7 00000	USB	(AB)
S06s	9655	3-7	0840	Fri	156 843 7 88720 58693 61733 74537 10597 23521 37660 843 7 00000	USB	(AB)
S06s	6844	3-7	0900	Fri	239 851 6 30614 77239 40678 16945 80644 25836 851 6 00000	USB	(AB)
S06s	7161	3-7	0910	Fri	239 851 6 30614 77239 40678 16945 80644 25836 851 6 00000	USB	(AB)
S06s	12460	4-7	0800	Sat	132 950 6 20205 64336 95534 08446 87636 04475 950 6 00000	USB	(AB)
S06s	10250	4-7	0810	Sat	132 950 6 20205 64336 95534 08446 87636 04475 950 6 00000	USB	(AB)
S06s	16320	6-7	0630	Mon	462 801 5 46692 63031 96502 00040 35152 801 5 00000	USB	(AB)
S06s	14875	6-7	0640	Mon	462 801 5 46692 63031 96502 00040 35152 801 5 00000	USB	(AB)
S06s	8221	6-7	0830	Mon	764 932 5 18283 10094 73140 16277 43912 932 5 00000	USB	(AB)
S06s	9353	6-7	0840	Mon	764 932 5 18283 10094 73140 16277 43912 932 5 00000	USB	(AB)
S06s	16380	6-7	0900	Mon	232 916 5 24236 84028 82278 06280 25826 916 5 00000	USB	(AB)
S06s	14835	6-7	0910	Mon	232 916 5 24236 84028 82278 06280 25826 916 5 00000	USB	(AB)
S06s	10230	6-7	1200	Mon	149 863 5 91943 58456 74439 59317 44671 863 5 00000	USB	(AB/MPJ)
S06s	12165	6-7	1210	Mon	149 863 5 91943 58456 74439 59317 44671 863 5 00000	USB	(AB/MPJ)
S06s	15945	7-7	0600	Tue	438 207 5 02157 00560 93197 23536 35708 207 5 00000	USB	(AB-GRC)
S06s	16945	7-7	0610	Tue	438 207 5 02157 00560 93197 23536 35708 207 5 00000	USB	(AB-GRC)
S06s	5430	7-7	0700	Tue	452 879 6 24541 33941 56823 43884 84418 25628 879 6 00000	USB	(AB-POL)
S06s	6780	7-7	0710	Tue	452 879 6 24541 33941 56823 43884 84418 25628 879 6 00000	USB	(AB-POL)
S06s	7365	7-7	0730	Tue	427 581 6 65959 20802 83773 48081 14477 24010 581 6 00000	USB	(AB)
S06s	11655	7-7	0740	Tue	427 581 6 65959 20802 83773 48081 14477 24010 581 6 00000	USB	(AB)

S06s	14373	7-7	0800	Tue	127 985 6 97620 41120 15138 62182 66491 08125 985 6 00000	USB	(AB)
S06s	12935	7-7	0810	Tue	127 985 6 97620 41120 15138 62182 66491 08125 985 6 00000	USB	(AB)
S06s	4820	7-7	1000	Tue	427 953 6 94160 32889 65151 46055 12124 50531 953 6 00000	USB	(AB-POL/MPJ)
S06s	5660	7-7	1010	Tue	427 953 6 94160 32889 65151 46055 12124 50531 953 6 00000	USB	(AB-POL/MPJ)
S06s	6810	7-7	1100	Tue	265 938 7 80728 16013 91627 20983 48442 92945 76609 938 7 00000	USB	(AB-POL/MPJ)
S06s	7560	7-7	1110	Tue	265 938 7 80728 16013 91627 20983 48442 92945 76609 938 7 00000	USB	(AB-POL/MPJ)
S06s	6766	7-7	1500	Tue	914 235 6 96529 62487 57272 77315 17565 35820 235 6 00000	USB	(AB-ROU/MPJ)
S06s	7744	7-7	1510	Tue	914 235 6 96529 62487 57272 77315 17565 35820 235 6 00000	USB	(AB-ROU/MPJ)
S06s	14977	8-7	0730	Wed	172 406 5 92440 79290 86352 67315 22202 406 5 00000	USB	(AB)
S06s	11530	8-7	0730	Wed	172 406 5 92440 79290 86352 67315 22202 406 5 00000	USB	(AB)
S06s	11565	8-7	0830	Wed	464 217 5 91943 06309 03380 31978 71641 217 5 00000	USB	(AB)
S06s	12560	8-7	0840	Wed	464 217 5 91943 06309 03380 31978 71641 217 5 00000	USB	(AB)
S06s	14580	8-7	1000	Wed	276 418 5 53318 04477 76580 83166 43078 418 5 00000	USB	(AB)
S06s	16020	8-7	1010	Wed	276 418 5 53318 04477 76580 83166 43078 418 5 00000	USB	(AB)
S06s	9255	9-7	0930	Thu	698 217 5 52989 47624 28885 30877 90463 217 5 00000	USB	(AB)
S06s	10325	9-7	0940	Thu	698 217 5 52989 47624 28885 30877 90463 217 5 00000	USB	(AB)
S06s	13145	9-7	1200	Thu	175 420 6 47463 51387 33375 05064 88562 35413 420 5 00000	USB	(AB/MPJ)
S06s	14535	9-7	1210	Thu	175 420 6 47463 51387 33375 05064 88562 35413 420 5 00000	USB	(AB)
S06s	10290	10-7	0830	Fri	Carrier only	USB	(AB)
S06s	9655	10-7	0840	Fri	156 843 7 88720 58693 61733 74537 10597 23521 37660 843 7 00000	USB	(AB)
S06s	6844	10-7	0900	Fri	239 851 6 30614 77239 40678 16945 80644 25836 851 6 00000	USB	(AB)
S06s	7161	10-7	0910	Fri	239 851 6 30614 77239 40678 16945 80644 25836 851 6 00000	USB	(AB)
S06s	16320	13-7	0630	Mon	462 801 5 46692 63031 96502 00040 35152 801 5 00000	USB	(AB)
S06s	14875	13-7	0640	Mon	462 801 5 46692 63031 96502 00040 35152 801 5 00000	USB	(AB)
S06s	8221	13-7	0830	Mon	764 932 5 18283 10094 73140 16277 43912 932 5 00000	USB	(AB)
S06s	9353	13-7	0840	Mon	764 932 5 18283 10094 73140 16277 43912 932 5 00000	USB	(AB)
S06s	16380	13-7	0900	Mon	232 916 5 24236 84028 82278 06280 25826 916 5 00000	USB	(AB)
S06s	14835	13-7	0910	Mon	232 916 5 24236 84028 82278 06280 25826 916 5 00000	USB	(AB)
S06s	10230	13-7	1200	Mon	149 863 5 91943 58456 74439 59317 44671 863 5 00000	USB	(AB/MPJ)
S06s	12165	13-7	1210	Mon	149 863 5 91943 58456 74439 59317 44671 863 5 00000	USB	(AB/MPJ)
S06s	15945	14-7	0600	Tue	438 207 5 02157 00560 93197 23536 35708 207 5 00000	USB	(AB)
S06s	16945	14-7	0610	Tue	438 207 5 02157 00560 93197 23536 35708 207 5 00000	USB	(AB)
S06s	5430	14-7	0700	Tue	452 879 6 24541 33941 56823 43884 84418 25628 879 6 00000	USB	(AB-POL)
S06s	6780	14-7	0710	Tue	452 879 6 24541 33941 56823 43884 84418 25628 879 6 00000	USB	(AB-POL)
S06s	7365	14-7	0730	Tue	427 581 6 65959 20802 83773 48081 14477 24010 581 6 00000	USB	(AB)
S06s	11655	14-7	0740	Tue	427 581 6 65959 20802 83773 48081 14477 24010 581 6 00000	USB	(AB)
S06s	14373	14-7	0800	Tue	127 985 6 97620 41120 15138 62182 66491 08125 985 6 00000	USB	(AB)
S06s	12935	14-7	0810	Tue	127 985 6 97620 41120 15138 62182 66491 08125 985 6 00000	USB	(AB)
S06s	4820	14-7	1000	Tue	427 953 6 94160 32889 65151 46055 12124 50531 953 6 00000	USB	(AB-POL)
S06s	5660	14-7	1010	Tue	427 953 6 94160 32889 65151 46055 12124 50531 953 6 00000	USB	(AB-POL)

S06s	6810	14-7	1100	Tue	265 938 7 80728 16013 91627 20983 48442 92945 76609 938 7 00000	USB	(AB-HNG)
S06s	7560	14-7	1110	Tue	265 938 7 80728 16013 91627 20983 48442 92945 76609 938 7 00000	USB	(AB-HNG)
S06s	6766	14-7	1500	Tue	914 235 6 96529 62487 57272 77315 17565 35820 235 6 00000	USB	(AB-HNG/MPJ-HNG)
S06s	7744	14-7	1510	Tue	914 235 6 96529 62487 57272 77315 17565 35820 235 6 00000	USB	(AB-HNG/MPJ-HNG)
S06s	11530	15-7	0730	Wed	172 986 5 88569 89617 25757 77159 95225 986 5 00000	USB	(AB)
S06s	14977	15-7	0730	Wed	172 986 5 88569 89617 25757 77159 95225 986 5 00000	USB	(AB)
S06s	11565	15-7	0830	Wed	464 827 5 67906 66610 20336 17301 88554 827 5 00000	USB	(AB)
S06s	12560	15-7	0840	Wed	464 827 5 67906 66610 20336 17301 88554 827 5 00000	USB	(AB)
S06s	14580	15-7	1000	Wed	276 983 5 40614 77249 40678 17976 21816 983 5 00000	USB	(AB/MPJ)
S06s	16020	15-7	1010	Wed	276 983 5 40614 77249 40678 17976 21816 983 5 00000	USB	(AB/MPJ)
S06s	9255	16-7	0930	Thu	698 271 5 11171 64385 82707 05123 22536 271 5 00000	USB	(AB)
S06s	10325	16-7	0940	Thu	698 271 5 11171 64385 82707 05123 22536 271 5 00000	USB	(AB)
S06s	13145	16-7	1200	Thu	175 943 6 97067 58604 41438 03092 68362 25910 943 6 00000	USB	(AB/MPJ)
S06s	14535	16-7	1210	Thu	175 943 6 97067 58604 41438 03092 68362 25910 943 6 00000	USB	(AB/MPJ)
S06s	10290	17-7	0830	Fri	156 248 7 43014 98841 00957 46672 09693 43756 33550 248 7 00000	USB	(AB)
S06s	9655	17-7	0840	Fri	156 248 7 43014 98841 00957 46672 09693 43756 33550 248 7 00000	USB	(AB)
S06s	6844	17-7	0900	Fri	239 467 5 87345 22190 78854 00932 77755 467 5 00000	USB	(AB)
S06s	7161	17-7	0910	Fri	239 467 5 87345 22190 78854 00932 77755 467 5 00000	USB	(AB)
S06s	16320	20-7	0630	Mon	462 513 5 11171 22536 88280 84116 53718 42227 59354 513 5 00000 (group count error)	USB	(AB)
S06s	14875	20-7	0640	Mon	462 513 5 11171 22536 88280 84116 53718 42227 59354 513 5 00000 (group count error)	USB	(AB-KWT)
S06s	8221	20-7	0830	Mon	764 213 5 65906 66610 20336 17301 88554 213 5 00000	USB	(AB)
S06s	9353	20-7	0840	Mon	764 213 5 65906 66610 20336 17301 88554 213 5 00000	USB	(AB)
S06s	16380	20-7	0900	Mon	232 406 5 33796 13577 74526 46647 53516 406 5 00000	USB	(AB)
S06s	14835	20-7	0910	Mon	232 406 5 33796 13577 74526 46647 53516 406 5 00000	USB	(AB)
S06s	10230	20-7	1200	Mon	149 253 6 79302 53516 25616 56069 96813 14199 253 6 00000	USB	(AB/MPJ)
S06s	12165	20-7	1210	Mon	149 253 6 79302 53516 25616 56069 96813 14199 253 6 00000	USB	(AB/MPJ)
S06s	15945	21-7	0600	Tue	438 597 6 24035 48115 24151 50802 23807 15521 597 6 00000	USB	(AB)
S06s	16945	21-7	0610	Tue	438 597 6 24035 48115 24151 50802 23807 15521 597 6 00000	USB	(AB)
S06s	5430	21-7	0700	Tue	452 830 6 52401 63919 92699 14600 74248 48754 830 6 00000	USB	(AB-POL)
S06s	6780	21-7	0710	Tue	452 830 6 52401 63919 92699 14600 74248 48754 830 6 00000	USB	(AB-POL)
S06s	7365	21-7	0730	Tue	427 901 5 46062 62572 39695 30485 96632 901 5 00000	USB	(AB)
S06s	11655	21-7	0740	Tue	427 901 5 46062 62572 39695 30485 96632 901 5 00000	USB	(AB)
S06s	14373	21-7	0800	Tue	127 406 5 09564 21347 00774 34662 26578 406 5 00000	USB	(AB)
S06s	12935	21-7	0810	Tue	127 406 5 09564 21347 00774 34662 26578 406 5 00000	USB	(AB)
S06s	4820	21-7	1000	Tue	427 936 5 33796 13577 74526 46647 53516 936 5 00000	USB	(AB-POL/MPJ)
S06s	5660	21-7	1010	Tue	427 936 5 33796 13577 74526 46647 53516 936 5 00000	USB	(AB-POL/MPJ)

S06s	6810	21-7	1100	Tue	265 891 7 00943 21569 56674 23465 00771 63372 77755 891 7 00000	USB	(MPJ-HNG)
S06s	7560	21-7	1110	Tue	265 891 7 00943 21569 56674 23465 00771 63372 77755 891 7 00000	USB	(MPJ-HNG)
S06s	6766	21-7	1500	Tue	914 276 5 88620 58069 61732 74537 57330 276 5 00000	USB	(MPJ-HNG)
S06s	7744	21-7	1510	Tue	914 276 5 88620 58069 61732 74537 57330 276 5 00000	USB	(MPJ-HNG)
S06s	14977	22-7	0730	Wed	172 986 5 88569 89617 25757 77159 95225 986 5 000000	USB	(AB)
S06s	11530	22-7	0730	Wed	172 986 5 88569 89617 25757 77159 95225 986 5 000000	USB	(AB)
S06s	11565	22-7	0830	Wed	464 827 5 67906 66610 20336 17301 88554 827 5 00000	USB	(AB)
S06s	12560	22-7	0840	Wed	464 827 5 67906 66610 20336 17301 88554 827 5 00000	USB	(AB)
S06s	14580	22-7	1000	Wed	276 983 5 40614 77249 40678 17976 21816 983 5 00000	USB	(AB/MPJ)
S06s	16020	22-7	1010	Wed	276 983 5 40614 77249 40678 17976 21816 983 5 00000	USB	(AB/MPJ)
S06s	9255	23-7	0930	Thu	698 271 5 11171 64385 82707 05123 22536 271 5 00000	USB	(AB)
S06s	10325	23-7	0940	Thu	698 271 5 11171 64385 82707 05123 22536 271 5 00000	USB	(AB)
S06s	13145	23-7	1200	Thu	175 943 6 97067 58604 41438 03092 68362 25910 943 6 00000	USB	(AB/MPJ)
S06s	14535	23-7	1210	Thu	175 943 6 97067 58604 41438 03092 68362 25910 943 6 00000	USB	(AB/MPJ)
S06s	10290	24-7	0830	Fri	156 248 7 43014 98841 00957 46672 09693 43756 33550 248 7 00000	USB	(AB)
S06s	9655	24-7	0840	Fri	156 248 7 43014 98841 00957 46672 09693 43756 33550 248 7 00000	USB	(AB)
S06s	6844	24-7	0900	Fri	239 467 5 87345 22190 78854 00932 77755 467 5 00000	USB	(AB)
S06s	7161	24-7	0910	Fri	239 467 5 87345 22190 78854 00932 77755 467 5 00000	USB	(AB)
S06s	16320	27-7	0630	Mon	462 513 5 11171 22536 88280 84116 53718 42227 59354 513 5 00000 (group count error)	USB	(AB)
S06s	14875	27-7	0640	Mon	462 513 5 11171 22536 88280 84116 53718 42227 59354 513 5 00000 (group count error)	USB	(AB)
S06s	8221	27-7	0830	Mon	764 213 5 65906 66610 20336 17301 88554 213 5 00000	USB	(AB)
S06s	9353	27-7	0840	Mon	764 213 5 65906 66610 20336 17301 88554 213 5 00000	USB	(AB)
S06s	16380	27-7	0900	Mon	232 406 5 33796 13577 74526 46647 53516 406 5 00000	USB	(AB)
S06s	14835	27-7	0910	Mon	232 406 5 33796 13577 74526 46647 53516 406 5 00000	USB	(AB)
S06s	10230	27-7	1200	Mon	149 253 6 79302 53516 25616 56069 96813 14199 253 6 00000	USB	(AB)
S06s	12165	27-7	1210	Mon	149 253 6 79302 53516 25616 56069 96813 14199 253 6 00000	USB	(AB)
S06s	7365	28-7	0730	Tue	427 901 5 46062 62572 39695 30485 96632 901 5 00000	USB	(AB)
S06s	11655	28-7	0740	Tue	427 901 5 46062 62572 39695 30485 96632 901 5 00000	USB	(AB)
S06s	14373	28-7	0800	Tue	127 406 5 09564 21347 00774 34662 26578 406 5 00000	USB	(AB)
S06s	12935	28-7	0810	Tue	127 406 5 09564 21347 00774 34662 26578 406 5 00000	USB	(AB)
S06s	4820	28-7	1000	Tue	427 936 5 33796 13577 74526 46647 53516 936 5 00000	USB	(AB-POL/MPJ)
S06s	5660	28-7	1010	Tue	427 936 5 33796 13577 74526 46647 53516 936 5 00000	USB	(AB-POL/MPJ)
S06s	6810	28-7	1100	Tue	265 891 7 00943 21569 56674 23465 00771 63372 77755 891 7 00000	USB	(AB/MPJ-POL)
S06s	7560	28-7	1110	Tue	265 891 7 00943 21569 56674 23465 00771 63372 77755 891 7 00000	USB	(AB/MPJ-POL)
S06s	6766	28-7	1500	Tue	914 276 5 88620 58069 61732 74537 57330 276 5 00000	USB	(AB-POL/MPJ)
S06s	7744	28-7	1510	Tue	914 276 5 88620 58069 61732 74537 57330 276 5 00000	USB	(AB-POL/MPJ)
S06s	11530	29-7	0730	Wed	172 172 172 000000	USB	(AB)
S06s	14977	29-7	0730	Wed	172 172 172 000000	USB	(AB)

S06s	11565	29-7	0830	Wed	464 464 464 00000	USB	(AB)
S06s	12560	29-7	0840	Wed	464 464 464 00000	USB	(AB)
S06s	14580	29-7	1000	Wed	276 276 276 00000	USB	(AB)
S06s	16020	29-7	1010	Wed	276 276 276 00000	USB	(AB)
S06s	9255	30-7	0930	Thu	698 698 698 00000	USB	(AB)
S06s	10325	30-7	0940	Thu	698 698 698 00000	USB	(AB)
S06s	13145	30-7	1200	Thu	175 175 175 00000	USB	(AB/MPJ)
S06s	14535	30-7	1210	Thu	175 175 175 00000	USB	(AB/MPJ)
S06s	10290	31-7	0830	Fri	156 156 156 00000	USB	(AB)
S06s	9655	31-7	0840	Fri	156 156 156 00000	USB	(AB)
S06s	6844	31-7	0900	Fri	239 239 239 00000	USB	(AB)
S06s	7161	31-7	0910	Fri	239 239 239 00000	USB	(AB)
S11a	13537	1-7	0510	Wed	651/00	USB	(AB)
S11a	15720	1-7	0715	Wed	381/00	USB	(AnEur)
S11a	5149	1-7	1135	Wed	376/00	USB	(AB/MPJ)
S11a	12457	1-7	i850	Wed	281/00	USB	(AB)
S11a	9339	2-7	0700	Thu	471/00	USB	(AB)
S11a	5082	3-7	0915	Fri	486/00	USB	(AB)
S11a	6977	3-7	1020	Fri	429/00	USB	(AB/MPJ)
S11a	5149	3-7	1135	Fri	377/00	USB	(AB)
S11a	12457	4-7	1850	Sat	288/00	USB	(AB/MPJ)
S11a	13537	6-7	0510	Mon	652/00	USB	(AB)
S11a	9339	6-7	0700	Mon	477/37 Vnimaniye 45836 02869 49868 ... 86262 61879 56712 Vnimaniye (message repeated) Konets	USB	(AB)
S11a	15720	6-7	0715	Mon	380/00	USB	(AB)
S11a	5082	6-7	0915	Mon	481/00	USB	(AB)
S11a	6977	7-7	1020	Tue	426/37 Vnimaniye 18688 37281 58737 ... 01091 83234 02584 Vnimaniye (message repeated) Konets	USB	(AB/MPJ)
S11a	13537	8-7	0510	Wed	655/00	USB	(AB)
S11a	15720	8-7	0715	Wed	387/00	USB	(AB)
S11a	5149	8-7	1135	Wed	377/00	USB	(AB/MPJ)
S11a	12457	8-7	1850	Wed	282/40 Vnimaniye 70082 62232 44359 ... 71104 43597 08138 Vnimaniye (message repeated) Konets	USB	(AB)
S11a	9339	9-7	0700	Thu	477/37 Vnimaniye 45836 02869 49868 ... 86262 61879 56712 Vnimaniye (message repeated) Konets	USB	(AB)
S11a	5082	10-7	0915	Fri	486/00	USB	(AB)
S11a	6977	10-7	1020	Fri	426/37 Vnimaniye 18688 37281 58737 ... 01091 83234 02584 Vnimaniye (message repeated) Konets	USB	(AB)
S11a	5149	10-7	1135	Fri	377/00	USB	(AB)

S11a	12457	11-7	1850	Sat	282/40 Vnimaniye 70082 62232 44359 ... 71104 43497 08138 Vnimaniye (message repeated) Konets	USB	(AB/MPJ)
S11a	13537	13-7	0510	Mon	654/36 Vnimaniye 32034 03191 28948 ... 09485 12381 34083 Vnimaniye (message repeated) Konets	USB	(AB)
S11a	9339	13-7	0700	Mon	477/00	USB	(AB)
S11a	15720	13-7	0715	Mon	383/31 Vnimaniye 04954 40528 15004 ... 90214 71195 28592 Vnimaniye (message repeated) Konets	USB	(AB)
S11a	5082	13-7	0915	Mon	481/00	USB	(AB)
S11a	6977	14-7	1020	Tue	426/00	USB	(AB)
S11a	13537	15-7	0510	Wed	654/36 Vnimaniye 32034 03191 28948 ... 09485 12381 34083 Vnimaniye (message repeated) Konets	USB	(AB)
S11A	13537	15-7	0510	Wed	655/36=32035	USB	(HFD)
S11a	15720	15-7	0715	Wed	383/31 Vnimaniye 04954 40528 15004 ... 90214 71195 28592 Vnimaniye (message repeated) Konets	USB	(AB-POL)
S11a	5149	15-7	1135	Wed	378/00	USB	(AB/MPJ)
S11a	12457	15-7	1850	Wed	282/00	USB	(AB)
S11a	9339	16-7	0700	Thu	479/00	USB	(AB)
S11a	5082	17-7	0915	Fri	482/00	USB	(AB)
S11a	6977	17-7	1020	Fri	420/00	USB	(AB)
S11a	5149	17-7	1135	Fri	376/00	USB	(AB)
S11a	12457	18-7	1850	Sat	280/00	USB	(AB/MPJ)
S11a	13537	20-7	0510	Mon	655/00	USB	(AB)
S11a	9339	20-7	0700	Mon	476/00	USB	(AB)
S11a	15720	20-7	0715	Mon	384/00	USB	(AB)
S11a	5082	20-7	0915	Mon	483/00	USB	(AB)
S11a	6977	21-7	1020	Tue	422/00	USB	(AB/MPJ)
S11a	13537	22-7	0510	Wed	652/00	USB	(AB)
S11a	15720	22-7	0715	Wed	383/00	USB	(AB)
S11a	12457	22-7	1850	Wed	282/00	USB	(AB/MPJ)
S11a	9339	23-7	0700	Thu	476/00	USB	(AB)
S11a	5082	24-7	0915	Fri	487/00	USB	(AB-POL)
S11a	6977	24-7	1020	Fri	420/00	USB	(AB)
S11a	5149	24-7	1135	Fri	373/40 Vnimaniye 83740 82572 59609 ... 86437 89052 76591 Vnimaniye (message repeated) Konets	USB	(AB)
S11a	12457	25-7	1850	Sat	281/00	USB	(AB/MPJ)
S11a	13537	27-7	0510	Mon	657/00	USB	(AB)
S11a	9339	27-7	0700	Mon	472/00	USB	(AB)
S11a	15720	27-7	0715	Mon	389/00	USB	(AB)
S11a	5082	27-7	0915	Mon	480/35 Vnimaniye 58835 29556 20460 ... 79694 59803 47777 Vnimaniye (message repeated) Konets	USB	(AB/Gwr)

S11a	6977	28-7	1020	Tue	429/00	USB	(AB)
S11a	13537	29-7	0510	Wed	657/00	USB	(AB)
S11a	15720	29-7	0715	Wed	383/00	USB	(AB)
S11a	5149	29-7	1135	Wed	373/00	USB	(AB)
S11a	12457	29-7	1850	Wed	287/00	USB	(MPJ)
S11a	9339	30-7	0700	Thu	472/00	USB	(AB)
S11a	5082	31-7	0915	Fri	480/35 Vnimaniye 58835 29556 20460 ... 79694 59803 47777 Vnimaniye (message repeated) Konets	USB	(AB)
S11a	6977	31-7	1020	Fri	429/00	USB	(AB)
S11a	5149	31-7	1135	Fri	376/00	USB	(AB/MPJ-POL)
S28	4625	23-7	1425	Thu	Russian military. Buzzer marker	USB	(AB)
S30	5448	8-7	1203	Wed	8MUO 90245 AZIDOFYeN 3289 0400 sboj 8MUO 8MUO 90 sboj 8MUO 90245 AZIDOFYeN 3289 0406	USB	(Gwr)
S30	5448	8-7	1204	Wed	TUZR TUZ sboj TUZR TUZR 07633 BUKOSAK 3289 4705	USB	(Gwr)
S30	5448	8-7	1205	Wed	8S1Shch 00878 NACYeLIVAN'Ye 6322 9167	USB	(Gwr)
S30	5448	8-7	1207	Wed	8S1Shch 71068 TOMMAK 6116 7685	USB	(Gwr)
S30	5448	23-7	1425	Thu	Russian military. Pip marker	USB	(AB)
S30	5448	24-7	1406	Fri	8S1Shch SBYTOSYeV 212	USB	(Gwr)
S30	5448	27-7	1013	Mon	8S1Shch ChYeSTNOST' 151	USB	(Gwr)
S30	5448	27-7	1110	Mon	8S1Shch 40483 BIMSOHAN 1329 9751	USB	(Gwr)
S30	5448	27-7	1114	Mon	9GSA ZhBZU 4RVZ 3VS' DKJ1 ZhD9V 42BV 81BR M7KS PMV5	USB	(Gwr)
S30	5448	30-7	0758	Thu	8S1Shch SBYTOSYeV 112	USB	(Gwr)
S30	5448	30-7	0816	Thu	8S1Shch BYTOSTIH 6759	USB	(Gwr)
S30	5448	30-7	0844	Thu	8S1Shch YaLOHOR 109	USB	(Gwr)
S30	5448	30-7	0852	Thu	8S1Shch ChYeSTNOST' 151	USB	(Gwr)
S30	5448	30-7	0853	Thu	8S1Shch ShchITONARY 160	USB	(Gwr)
S30	5448	30-7	0927	Thu	8S1Shch 09747 MYeTRANPAZh 7569 3854 MODULYaCIYa 8979 9251 NACYeLIVAN'Ye 7018 0057 MAISOLAOS 9182 3531	USB	(Gwr)
S30	5448	30-7	0949	Thu	8S1Shch 93272 BUYaNOSKIF 3119 9374	USB	(Gwr)
S30	5448	30-7	0958	Thu	8S1Shch 89680 KOTOTOST 9289 1895 MOHOHOD 6407 0926	USB	(Gwr)
S30	5448	30-7	1115	Thu	8S1Shch 97802 MYL'NICA 7230 4328 GANGOTUNG 7522 2550	USB	(Gwr)
S30	5448	30-7	1306	Thu	no follow on message from rest of network 8S1Shch ZYKOLAD 0556	USB	(Gwr)
S32	5473	8-7	1209	Wed	Al'fa-45 01431 OVACIYa 2552 3213	USB	(Gwr)
S32	5473	8-7	1216	Wed	Al'fa-45 33019 INDIJ 1478 9874	USB	(Gwr)
S32	5473	8-7	1217	Wed	Al'fa-45 77595 GRIBOChAD 3015 7887	USB	(Gwr)
S32	5474	23-7	1425	Thu	Russian military. Squeaky Wheel marker	USB	(AB)
S32	5473	27-7	1020	Mon	Al'fa-45 85017 DYeKOLYeTR 3713 8699	USB	(Gwr)
S32	5473	27-7	1115	Mon	Al'fa-45 61479 DAROZhOM 0541 3905	USB	(Gwr)
S32	5473	28-7	1230	Tue	Al'fa-45 52835 KVASOSKIT 8168 2189	USB	(Gwr)
S32	5473	30-7	0738	Thu	Dubler-68 Stazher-29 Karta-11 Sliva-94 Dzhigit-46 Fakyel-36 Burka-37 Kurgan-40	USB	(Gwr)

S32	5473	30-7	1124	Thu	Al'fa-45 66098 MULAT 9117 5566	USB	(Gwr)
S32	5473	30-7	1225	Thu	Al'fa-45 43193 DRAPOVATT 2400 6663	USB	(Gwr)
S32	5473	30-7	1325	Thu	follow on message to pip message which i missed Al'fa-45 07709 ZhUIROBOKS 1811 4298	USB	(Gwr)
S32	5473	30-7	1410	Thu	Penza-07 Leggina-38 Firna-85 Pesochnyj-21 Stupa-32 Alyeut-09 Storozh-62 Nevka-26	USB	(Gwr)
UM10	3869	26-7	1722	Sun	10-minutes net: LH5N	CW	(JPL-CHN)
V07	13521	4-7	0300	Sat	514 514 514 1 577 48 577 68 70513 71673 11614 ... 38310 47138 36162 000 000	USB	(Dan-J)
V07	13521	12-7	0300	Sun	514 514 514 1 7037 120 72417 32659 26468 79421 15075 00414 000 000	USB	(Dan)
V07	13521	19-7	0300	Sun	514 1-745/128= 21184	USB	(HFD)
V07	13521	19-7	0300	Sun	514 514 514 1 745 128 745 128 21184 67768 13145 21331 96979 000 000	USB	(Dan-J)
V07	12121	19-7	0320	Sun	514 1 via KiwiSDR J	USB	(HFD-J)
V07	11421	19-7	0340	Sun	514 1	USB	(HFD)
V07	13521	26-7	0300	Sun	514 514 514 1 5680 122 23621 84752 57988 21583 ... 87308 27729 000 000	USB	(Dan-J)
V13	13444	1-7	0614	Wed	i.p. New Star Broadcasting. Oriental flute tune followed by a message in Chinese	USB	(AB-KOR)
V13	9276	8-7	0200	Wed	New Star Broadcasting Station #3	USB	(Danix-HK)
V13	7502	8-7	0300	Wed	New Star Broadcasting Station #3	USB	(Danix-HK)
V13	9276	9-7	1201	Thu	New Star Broadcasting Station. Oriental flute tone and a message in Chinese	USB	(AB-RUS)
V13	15890	9-7	1201	Thu	New Star Broadcasting Station. Oriental flute tone and a message in Chinese	USB	(AB-RUS)
V13	7502	10-7	0305	Fri	Ch	USB	(HFD)
V13	9276	11-7	1201	Sat	New Star Broadcasting Station. Oriental flute tone and a message in Chinese	USB	(AB-KOR)
V13	15890	11-7	1201	Sat	New Star Broadcasting Station. Oriental flute tone and a message in Chinese	USB	(AB-J)
V13	15890	16-7	1200	Thu	New Star Broadcasting Station. Oriental flute tone and a message in Chinese	USB	(AB-RUS)
V13	9276	16-7	1200	Thu	New Star Broadcasting Station. Oriental flute tone and a message in Chinese	USB	(AB-J)
V13	13974	17-7	1300	Fri	New star Broadcasting Station	USB	(AB-RUS)
V13	7502	17-7	1301	Fri	New Star Broadcasting Station	USB	(AB-J)
V13	15890	24-7	1201	Fri	New Star Broadcasting Station. Oriental flute tune followed by a message in Chinese	USB	(AB-KOR)
V13	15890	25-7	1200	Sat	New Star Broadcasting Station. Oriental flute tone and a message in Chinese	USB	(AB-KOR)
V13	15890	31-7	1200	Fri	New Star Broadcasting Station. Oriental flute tune followed by a message in Chinese	USB	(AB-KOR)
V24	5715	19-7	1500	Sun	K-popsong followed by a message in Korean	AM	(AB-J)
V24	5715	26-7	1500	Sun	K-popsong followed by a message in Korean	AM	(AB-J)
V26	4364	26-7	1130	Sun	BNGC DE XSV85 clg BNGC. Male operator //8073	USB	(JPL)
V26	8073	26-7	1130	Sun	BNGC DE XSV85 clg BNGC. Male operator //4364	USB	(JPL)
V26	4243	26-7	1140	Sun	Callup in Chinese. Female operator	USB	(JPL)
V26	4364	27-7	1130	Mon	BNGC DE XSV85 //8073	USB	(JPL)
V26	8073	27-7	1130	Mon	BNGC DE XSV85 //4364	USB	(JPL)
V26	4243	27-7	1140	Mon	//9054	USB	(JPL)
V26	9054	27-7	1140	Mon	//4243	USB	(JPL)
V28	4983	3-7	2102	Fri	Parrot. Message in Korean	AM	(HK)
V28	3047	3-7	2102	Fri	Parrot. Message in Korean	AM	(HK)
V28	2993	3-7	2103	Fri	Parrot. Message in Korean	AM	(HK)
V28	5140	5-7	0906	Sun	Parrot. Message in Korean. Female and male operators	AM	(HK)

V28	4620	5-7	0906	Sun	Parrot. Message in Korean. Female operator	AM	(HK)
VC01	4265	25-7	1205	Sat	Chinese Air Defense a.k.a. Chinese Robot	USB	(AB)
X06	18197	2-7	0929	Thu	MFA Moscow clg 645321: Russian embassy Ho Chi Minh City	MFSK-6	(DMS)
X06	16103	2-7	0938	Thu	MFA Moscow clg 645321: Russian embassy Ho Chi Minh City	MFSK-6	(DMS)
X06	17454	2-7	1145	Thu	MFA Moscow clg 325614: Russian embassy Nairobi	MFSK-6	(DMS)
X06	12199	6-7	0807	Mon	i.p. MFA Moscow clg 532614: Russian embassy Paris	MFSK-6	(AB)
X06	17454	7-7	1146	Tue	MFA Moscow clg 325614 Russian embassy Nairobi	MFSK-6	(AB)
X06	12177	10-7	0831	Fri	MFA Moscow clg 356412: Russian embassy Berlin	MFSK-6	(AB)
X06	12167	14-7	0436	Tue	MFA Moscow clg 341265	MFSK-6	(DMS)
X06	16257	14-7	0811	Tue	MFA Moscow clg 542136 Russian embassy Beijing	MFSK-6	(DMS)
X06	14405	15-7	0643	Wed	MFA Moscow clg 256341 Russian embassy Beirut	MFSK-6	(DMS)
X06	13838	15-7	0654	Wed	MFA Moscow clg 256341 Russian embassy Beirut	MFSK-6	(DMS)
X06	14405	15-7	0704	Wed	MFA Moscow clg 256341 Russian embassy Beirut	MFSK-6	(DMS)
X06	14650	15-7	1108	Wed	MFA Moscow clg 215346 Russian embassy Mumbai	MFSK-6	(DMS)
X06	16115	15-7	1121	Wed	MFA Moscow clg 215346 Russian embassy Mumbai	MFSK-6	(DMS)
X06	16103	15-7	1229	Wed	MFA Moscow clg 231654 Russian embassy Abuja	MFSK-6	(DMS)
X06	14812	21-7	0920	Tue	MFA Moscow clg 246531 Russian embassy Accra	MFSK-6	(DMS)
X06	18206	21-7	0932	Tue	MFA Moscow clg 246531 Russian embassy Accra	MFSK-6	(DMS)
X06	14942	21-7	1205	Tue	MFA Moscow clg 325614 Russian embassy Nairobi	MFSK-6	(DMS)
X06	15920	24-7	0516	Fri	MFA Moscow clg 216435 Russian embassy Dhaka	MFSK-6	(DMS)
X06	14865	26-7	1126	Sun	MFA Moscow clg 261453 Russian embassy Cairo	MFSK-6	(DMS)
X06	13423	27-7	0804	Mon	MFA Moscow clg 421635: Russian embassy Oslo	MFSK-6	(DMS)
X06	13940	27-7	0816	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(DMS)
X06	14871	27-7	0820	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(DMS)
X06	10372	27-7	0840	Mon	MFA Moscow clg 431625: Russian embassy Warsaw	MFSK-6	(DMS)
X06	14871	27-7	0852	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(DMS)
X06	12109	27-7	0852	Mon	MFA Moscow clg 431625: Russian embassy Warsaw	MFSK-6	(DMS)
X06b	12176	4-7	1117	Sat	Sequence 111666 before XPB1 (also at 1143, 1145 UTC)	MFSK-6	(DMS)
X06b	13976	4-7	1118	Sat	Sequence 111666 before XPB1 (also at 1119, 1121 UTC)	MFSK-6	(DMS)
X06b	14376	4-7	1120	Sat	Sequence 111666 before XPB1	MFSK-6	(DMS)
X06b	14876	4-7	1121	Sat	Sequence 111666 before XPB1	MFSK-6	(DMS)
X06b	10217	5-7	0517	Sun	Sequence 111666 before M12 (also at 0519 UTC)	MFSK-6	(DMS)
X06b	13953	6-7	0812	Mon	Sequence 111666 before XPA2 also at 0950 UTC)	MFSK-6	(DMS)
X06b	11468	7-7	0406	Tue	Sequence 111666 before XPB1 (also at 0414 UTC)	MFSK-6	(DMS)
X06b	11168	7-7	0407	Tue	Sequence 111666 before XPB1 (also at 0415 UTC)	MFSK-6	(DMS)
X06b	13368	7-7	0411	Tue	Sequence 111666 before XPB1	MFSK-6	(DMS)
X06b	12168	7-7	0412	Tue	Sequence 111666 before XPB1	MFSK-6	(DMS)
X06b	12148	8-7	0600	Wed	Sequence 111666 before XPA2 (also at 0602 UTC)	MFSK-6	(DMS)
X06b	14377	8-7	1217	Wed	Sequence 111111	MFSK-6	(DMS)
X06b	11545	9-7	0759	Thu	Sequence 111666 before XPA2	MFSK-6	(AB)

X06b	11545	9-7	0805	Thu	Sequence 111666 before XPA2	MFSK-6	(AB)
X06b	13445	9-7	0806	Thu	Sequence 111666 before XPA2	MFSK-6	(AB)
X06b	14873	11-7	0651	Sat	161666 before E07a at 0840 UTC	MFSK-6	(DMS)
X06b	13973	11-7	0651	Sat	161666 before E07a at 0820 UTC	MFSK-6	(DMS)
X06b	12173	11-7	0652	Sat	161666 before E07a at 0800 UTC	MFSK-6	(DMS)
X06b	14873	11-7	0653	Sat	111666 before E07a at 0840 UTC (also at 0659 UTC)	MFSK-6	(DMS)
X06b	13973	11-7	0654	Sat	111666 before E07a at 0820 UTC (also at 0658, 0701, 0705 UTC	MFSK-6	(DMS)
X06b	12173	11-7	0654	Sat	111666 before E07a at 0800 UTC (also at 0659, 0702, 0705 UTC)	MFSK-6	(DMS)
X06b	13976	11-7	1056	Sat	161666 before XPB1 at 1230 UTC	MFSK-6	(DMS)
X06b	14376	11-7	1057	Sat	161666 before XPB1 at 1240 UTC	MFSK-6	(DMS)
X06b	14876	11-7	1058	Sat	161666 before XPB1 at 1210 UTC	MFSK-6	(DMS)
X06b	15876	11-7	1100	Sat	161666 before XPB1 at 1200 UTC	MFSK-6	(DMS)
X06b	10276	11-7	1138	Sat	111666 before E07 at 1340 UTC (also at 1144, 1155 UTC)	MFSK-6	(DMS)
X06b	11576	11-7	1140	Sat	111666 before E07 at 1320 UTC (also at 1142, 1143, 1156 UTC)	MFSK-6	(DMS)
X06b	12176	11-7	1141	Sat	111666 before E07 at 1300 UTC	MFSK-6	(DMS)
X06b	11576	11-7	1150	Sat	161666 before E07 at 1320 UTC	MFSK-6	(DMS)
X06b	12176	11-7	1151	Sat	161666 before E07 at 1300 UTC	MFSK-6	(DMS)
X06b	13969	14-7	0356	Tue	Sequence 111666 before XPB1 (also at 0420 and 0425 UTC)	MFSK-6	(DMS)
X06b	13368	14-7	0356	Tue	Sequence 111666 before XPB1 (also at 0421 UTC)	MFSK-6	(DMS)
X06b	12168	14-7	0357	Tue	Sequence 111666 before XPB1 (also at 0427 UTC)	MFSK-6	(DMS)
X06b	11468	14-7	0401	Tue	Sequence 111666 before XPB1 (also at 0427 UTC)	MFSK-6	(DMS)
X06b	11168	14-7	0402	Tue	Sequence 111666 before XPB1 (also at 0428 UTC)	MFSK-6	(DMS)
X06b	16296	15-7	0758	Wed	Sequence 111666 befor XPA2	MFSK-6	(DMS)
X06b	9267	17-7	2108	Fri	Sequence 111111 before M12	MFSK-6	(AB)
X06b	12176	18-7	1108	Sat	Sequence 111666 before E07, Also at 1113, 1121, 1124 UTC	MFSK-6	(AB)
X06b	13376	18-7	1109	Sat	Sequence 111666 before XPB1. Also at 1114 UTC	MFSK-6	(DMS)
X06b	13976	18-7	1110	Sat	Sequence 111666 before XPB1. Also at 1115 UTC	MFSK-6	(DMS)
X06b	14376	18-7	1111	Sat	Sequence 111666 before XPB1. Also at 1116 UTC	MFSK-6	(DMS)
X06b	14876	18-7	1111	Sat	Sequence 111666 before XPB1. Also at 1116 UTC	MFSK-6	(DMS)
X06b	15876	18-7	1112	Sat	Sequence 111666 before XPB1. Also at 1117 UTC	MFSK-6	(DMS)
X06b	13394	19-7	1952	Sun	Sequence 111666 before XPA2. Also at 1956 UTC	MFSK-6	(Dan)
X06b	14376	25-7	1109	Sat	Sequence 111666 before XPB1	MFSK-6	(DMS)
X06b	14876	25-7	1110	Sat	Sequence 111666 before XPB1	MFSK-6	(DMS)
X06b	13376	25-7	1132	Sat	Sequence 111666 before XPB1	MFSK-6	(DMS)
X06b	10276	25-7	1139	Sat	Sequence 111666 before E07	MFSK-6	(DMS)
X06b	11576	25-7	1139	Sat	Sequence 111666 before E07	MFSK-6	(DMS)
X06b	12176	25-7	1140	Sat	Sequence 111666 before E07	MFSK-6	(DMS)
X06b	12176	25-7	1255	Sat	Sequence 666111 before E07	MFSK-6	(AB)
X06b	10320	27-7	0854	Mon	Sequence 666111	MFSK-6	(DMS)
XPA1	10446	2-7	0710	Thu	367 367 367 000 05483 00001 00000 34665	MFSK-20/10Bd	(AB)

XPA1	11474	2-7	0730	Thu	367 367 367 000 05483 00001 00000 34665	MFSK-20/10Bd	(AB)
XPA1	12175	2-7	0750	Thu	367 367 367 000 05483 00001 00000 34665	MFSK-20/10Bd	(AB)
XPA1	10446	7-7	0710	Tue	367 367 367 000 09279 00001 00000 36670	MFSK-20/10Bd	(AB/HFD)
XPA1	11474	7-7	0730	Tue	367 367 367 000 09279 00001 00000 36670	MFSK-20/10Bd	(AB/HFD)
XPA1	12175	7-7	0750	Tue	367 367 367 000 09279 00001 00000 36670	MFSK-20/10Bd	(AB/HFD)
XPA1	10446	9-7	0710	Thu	367 367 367 000 02432 00001 00000 34255	MFSK-20/10Bd	(AB)
XPA1	11474	9-7	0730	Thu	367 367 367 000 02432 00001 00000 34255	MFSK-20/10Bd	(AB)
XPA1	12175	9-7	0750	Thu	367 367 367 000 02432 00001 00000 34255	MFSK-20/10Bd	(AB)
XPA1	10446	14-7	0710	Tue	367 367 367 1 00807 00135 71358 ... 90884 09951 70273	MFSK-20/10Bd	(AB)
XPA1	11474	14-7	0730	Tue	367 367 367 1 00807 00135 71358 ... 90884 09951 70273	MFSK-20/10Bd	(AB)
XPA1	12175	14-7	0750	Tue	367 367 367 1 00807 00135 71358 ... 90884 09951 70273	MFSK-20/10Bd	(AB)
XPA1	10446	16-7	0710	Thu	367 367 367 1 00807 00135 71358 ... 90884 09951 70273	MFSK-20/10Bd	(AB)
XPA1	11474	16-7	0730	Thu	367 367 367 1 00807 00135 71358 ... 90884 09951 70273	MFSK-20/10Bd	(AB)
XPA1	12175	16-7	0750	Thu	367 367 367 1 00807 00135 71358 ... 90884 09951 70273	MFSK-20/10Bd	(AB)
XPA1	10446	21-7	0710	Tue	367 367 367 1 00807 00135 71358 ... 90884 09951 70273	MFSK-20/10Bd	(AB)
XPA1	11474	21-7	0730	Tue	367 367 367 1 00807 00135 71358 ... 90884 09951 70273	MFSK-20/10Bd	(AB)
XPA1	12175	21-7	0750	Tue	367 367 367 1 00807 00135 71358 ... 90884 09951 70273	MFSK-20/10Bd	(AB)
XPA1	10446	23-7	0710	Thu	367 367 367 1 00807 00135 71358 ... 90884 09951 70273	MFSK-20/10Bd	(AB)
XPA1	11474	23-7	0730	Thu	367 367 367 1 00807 00135 71358 ... 90884 09951 70273	MFSK-20/10Bd	(AB)
XPA1	12175	23-7	0750	Thu	367 367 367 1 00807 00135 71358 ... 90884 09951 70273	MFSK-20/10Bd	(AB)
XPA1	10446	28-7	0710	Tue	367 367 367 1 00146 00078 51126 ... 82800 32635 11112	MFSK-20/10Bd	(AB)
XPA1	11474	28-7	0730	Tue	367 367 367 1 00146 00078 51126 ... 82800 32635 11112	MFSK-20/10Bd	(AB)
XPA1	12175	28-7	0750	Tue	367 367 367 1 00146 00078 51126 ... 82800 32635 11112	MFSK-20/10Bd	(AB)
XPA1	10446	30-7	0710	Thu	367 367 367 1 00146 00078 51126 ... 82800 32635 11112	MFSK-20/10Bd	(AB)
XPA1	11474	30-7	0730	Thu	367 367 367 1 00146 00078 51126 ... 82800 32635 11112	MFSK-20/10Bd	(AB)
XPA1	12175	30-7	0750	Thu	367 367 367 1 00146 00078 51126 ... 82800 32635 11112	MFSK-20/10Bd	(AB)
XPA2	12148	1-7	0700	Wed	00236 00093 71513 ... 88780 15470 42362	MFSK-16/20bd	(AB/HFD)
XPA2	13448	1-7	0720	Wed	00236 00093 71513 ... 88780 15470 42362	MFSK-16/20bd	(AB/HFD)
XPA2	13948	1-7	0740	Wed	00236 00093 71513 ... 88780 15470 42362	MFSK-16/20bd	(AB/HFD)
XPA2	16296	1-7	0910	Wed	03017 00001 00000 34654	MFSK-16/20Bd	(AB)
XPA2	14981	1-7	0930	Wed	03017 00001 00000 34654	MFSK-16/20Bd	(AB)
XPA2	13953	1-7	0950	Wed	03017 00001 00000 34654	MFSK-16/20Bd	(AB)
XPA2	17435	1-7	1100	Wed	00258 00057 13667 ... 36053 47001 46070	MFSK-16/20Bd	(AB)
XPA2	16235	1-7	1120	Wed	00258 00057 13667 ... 36053 47001 46070	MFSK-16/20Bd	(AB)
XPA2	14935	1-7	1140	Wed	00258 00057 13667 ... 36053 47001 46070	MFSK-16/20Bd	(AB)
XPA2	12124	1-7	2100	Wed	Message	MFSK-16/20Bd	(HFD)
XPA2	11124	1-7	2120	Wed	Message	MFSK-16/20Bd	(HFD)
XPA2	10624	1-7	2140	Wed	Message	MFSK-16/20Bd	(HFD)
XPA2	13445	2-7	0910	Thu	02250 00048 77536 ... 51846 82864 13646	MFSK-16/20Bd	(AB/MPJ)
XPA2	12145	2-7	0930	Thu	02250 00048 77536 ... 51846 82864 13646	MFSK-16/20Bd	(AB/MPJ)

XPA2	11545	2-7	0950	Thu	02250 00048 77536 ... 51846 82864 13646	MFSK-16/20Bd	(AB/MPJ)
XPA2	17435	2-7	1100	Thu	00258 00057 13667 ... 36053 47001 46070	MFSK-16/20Bd	(AB)
XPA2	16235	2-7	1120	Thu	00258 00057 13667 ... 36053 47001 46070	MFSK-16/20Bd	(AB)
XPA2	14935	2-7	1140	Thu	00258 00057 13667 ... 36053 47001 46070	MFSK-16/20Bd	(AB)
XPA2	13538	2-7	1600	Thu	09830 00203 30090 ... 48800 42993 17237	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	14438	2-7	1620	Thu	09830 00203 30090 ... 48800 42993 17237	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	14938	2-7	1640	Thu	09830 00203 30090 ... 48800 42993 17237	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	12124	3-7	2100	Fri	00651 00042 71090 ... 12596 32928 61250	MFSK-16/20Bd	(AB)
XPA2	11124	3-7	2120	Fri	00651 00042 71090 ... 12596 32928 61250	MFSK-16/20Bd	(AB)
XPA2	10624	3-7	2140	Fri	00651 00042 71090 ... 12596 32928 61250	MFSK-16/20Bd	(AB)
XPA2	13445	4-7	0910	Sat	02250 00048 77536 ... 51846 82864 13646	MFSK-16/20Bd	(AB)
XPA2	12145	4-7	0930	Sat	02250 00048 77536 ... 51846 82864 13646	MFSK-16/20Bd	(AB)
XPA2	11545	4-7	0950	Sat	02250 00048 77536 ... 51846 82864 13646	MFSK-16/20Bd	(AB)
XPA2	13954	4-7	1500	Sat	05420 00001 00000 33257	MFSK-16/20Bd	(AB)
XPA2	12154	4-7	1520	Sat	05420 00001 00000 33257	MFSK-16/20Bd	(AB)
XPA2	11454	4-7	1540	Sat	05420 00001 00000 33257	MFSK-16/20Bd	(AB)
XPA2	13394	5-7	2100	Sun	06442 00001 00000 34262	MFSK-16/20Bd	(AB/Dan/RL/HFD)
XPA2	12194	5-7	2120	Sun	06442 00001 00000 34262	MFSK-16/20Bd	(AB/Dan/RL/HFD)
XPA2	10794	5-7	2140	Sun	06442 00001 00000 34262	MFSK-16/20Bd	(AB/Dan/RL/HFD
XPA2	12148	6-7	0700	Mon	00236 00093 71513 ... 88780 15470 42362	MFSK-16/20bd	(AB)
XPA2	13448	6-7	0720	Mon	00236 00093 71513 ... 88780 15470 42362	MFSK-16/20bd	(AB)
XPA2	13948	6-7	0740	Mon	00236 00093 71513 ... 88780 15470 42362	MFSK-16/20bd	(AB)
XPA2	16296	6-7	0910	Mon	00175 00048 07202 ... 39142 80314 20726	MFSK-16/20bd	(AB)
XPA2	14981	6-7	0930	Mon	00175 00048 07202 ... 39142 80314 20726	MFSK-16/20bd	(AB)
XPA2	13953	6-7	0950	Mon	00175 00048 07202 ... 39142 80314 20726	MFSK-16/20bd	(AB)
XPA2	13954	6-7	1500	Mon	00377 00245 12519 ... 13506 08963 77370	MFSK-16/20Bd	(AB/MPJ)
XPA2	12154	6-7	1520	Mon	00377 00245 12519 ... 13506 08963 77370	MFSK-16/20Bd	(AB/MPJ)
XPA2	11454	6-7	1540	Mon	00377 00245 12519 ... 13506 08963 77370	MFSK-16/20Bd	(AB/MPJ)
XPA2	13538	7-7	1600	Tue	00590 00212 22438 ... 41405 30630 70277	MFSK-16/20Bd	(AB)
XPA2	14438	7-7	1620	Tue	00590 00212 22438 ... 41405 30630 70277	MFSK-16/20Bd	(AB)
XPA2	14938	7-7	1640	Tue	00590 00212 22438 ... 41405 30630 70277	MFSK-16/20Bd	(AB)
XPA2	13394	7-7	2100	Tue	00315 00198 42350 ... 10583 31658 77770	MFSK-16/20Bd	(AB/RL/SP1)
XPA2	12194	7-7	2120	Tue	00315 00198 42350 ... 10583 31658 77770	MFSK-16/20Bd	(AB/SP1)
XPA2	10794	7-7	2140	Tue	00315 00198 42350 ... 10583 31658 77770	MFSK-16/20Bd	(AB/SP1)
XPA2	12148	8-7	0700	Wed	00236 00093 71513 ... 88780 15470 42362	MFSK-16/20bd	(AB)
XPA2	13448	8-7	0720	Wed	00236 00093 71513 ... 88780 15470 42362	MFSK-16/20bd	(AB)
XPA2	13948	8-7	0740	Wed	00236 00093 71513 ... 88780 15470 42362	MFSK-16/20bd	(AB)
XPA2	16296	8-7	0910	Wed	00175 00048 07202 ... 39142 80314 20726	MFSK-16/20bd	(AB/SP1/HFD)
XPA2	14981	8-7	0930	Wed	00175 00048 07202 ... 39142 80314 20726	MFSK-16/20bd	(AB/SP1/HFD)
XPA2	13953	8-7	0950	Wed	00175 00048 07202 ... 39142 80314 20726	MFSK-16/20bd	(AB/HFD)

XPA2	17435	8-7	1100	Wed	02666 00001 00000 37260	MFSK-16/20Bd	(AB)
XPA2	16235	8-7	1120	Wed	02666 00001 00000 37260	MFSK-16/20Bd	(AB)
XPA2	14935	8-7	1140	Wed	02666 00001 00000 37260	MFSK-16/20Bd	(AB)
XPA2	12124	8-7	2100	Wed	01017 00202 07986 ... 52098 54614 74346	MFSK-16/20Bd	(AB/Dan)
XPA2	11124	8-7	2120	Wed	01017 00202 07986 ... 52098 54614 74346	MFSK-16/20Bd	(AB)
XPA2	10624	8-7	2140	Wed	01017 00202 07986 ... 52098 54614 74346	MFSK-16/20Bd	(AB)
XPA2	13445	9-7	0910	Thu	02250 00048 77536 ... 51846 82864 13646	MFSK-16/20Bd	(AB/HFD)
XPA2	12145	9-7	0930	Thu	02250 00048 77536 ... 51846 82864 13646	MFSK-16/20Bd	(AB/HFD)
XPA2	11545	9-7	0950	Thu	02250 00048 77536 ... 51846 82864 13646	MFSK-16/20Bd	(AB/HFD)
XPA2	17435	9-7	1100	Thu	08494 00001 00000 35271	MFSK-16/20Bd	(AB/HFD)
XPA2	16235	9-7	1120	Thu	08494 00001 00000 35271	MFSK-16/20Bd	(AB/HFD)
XPA2	14935	9-7	1140	Thu	08494 00001 00000 35271	MFSK-16/20Bd	(AB/HFD)
XPA2	13538	9-7	1600	Thu	00590 00212 22438 ... 41405 30630 70277	MFSK-16/20Bd	(AB/MPJ)
XPA2	14438	9-7	1620	Thu	00590 00212 22438 ... 41405 30630 70277	MFSK-16/20Bd	(AB/MPJ)
XPA2	14938	9-7	1640	Thu	00590 00212 22438 ... 41405 30630 70277	MFSK-16/20Bd	(AB/MPJ)
XPA2	12124	10-7	2100	Fri	01017 00202 07986 ... 52098 54614 74346	MFSK-16/20Bd	(AB/RL)
XPA2	11124	10-7	2120	Fri	01017 00202 07986 ... 52098 54614 74346	MFSK-16/20Bd	(AB/RL)
XPA2	10624	10-7	2140	Fri	01017 00202 07986 ... 52098 54614 74346	MFSK-16/20Bd	(AB/RL)
XPA2	13954	11-7	1500	Sat	00377 00245 12519 ... 13506 08963 77370	MFSK-16/20Bd	(AB/RL-HOL/HFD)
XPA2	12154	11-7	1520	Sat	00377 00245 12519 ... 13506 08963 77370	MFSK-16/20Bd	(AB/HFD)
XPA2	11454	11-7	1540	Sat	00377 00245 12519 ... 13506 08963 77370	MFSK-16/20Bd	(AB/HFD)
XPA2	13394	12-7	2100	Sun	00315 00198 42350 ... 00583 31658 77770	MFSK-16/20Bd	(AB/DAM/RL)
XPA2	12194	12-7	2120	Sun	00315 00198 42350 ... 00583 31658 77770	MFSK-16/20Bd	(AB/DAM/RL)
XPA2	10794	12-7	2140	Sun	00315 00198 42350 ... 00583 31658 77770	MFSK-16/20Bd	(AB/DAM/RL)
XPA2	12148	13-7	0700	Mon	00206 00080 48083 ... 47603 80784 07041	MFSK-16/20bd	(AB)
XPA2	13448	13-7	0720	Mon	00206 00080 48083 ... 47603 80784 07041	MFSK-16/20bd	(AB)
XPA2	13948	13-7	0740	Mon	00206 00080 48083 ... 47603 80784 07041	MFSK-16/20bd	(AB)
XPA2	16296	13-7	0910	Mon	00175 00048 07202 ... 39142 80314 20726	MFSK-16/20bd	(AB)
XPA2	14981	13-7	0930	Mon	00175 00048 07202 ... 39142 80314 20726	MFSK-16/20bd	(AB)
XPA2	13953	13-7	0950	Mon	00175 00048 07202 ... 39142 80314 20726	MFSK-16/20bd	(AB)
XPA2	13954	13-7	1500	Mon	02318 00001 00000 36653	MFSK-16/20Bd	(AB/MPJ)
XPA2	12154	13-7	1520	Mon	02318 00001 00000 36653	MFSK-16/20Bd	(AB/MPJ)
XPA2	11454	13-7	1540	Mon	02318 00001 00000 36653	MFSK-16/20Bd	(AB/MPJ/RL-D)
XPA2	13538	14-7	1600	Tue	00296 00253 00745 ... 24610 30727 44624	MFSK-16/20Bd	(AB/GHn/RL-D)
XPA2	14438	14-7	1620	Tue	00296 00253 00745 ... 24610 30727 44624	MFSK-16/20Bd	(AB/RL-D)
XPA2	14938	14-7	1640	Tue	00296 00253 00745 ... 24610 30727 44624	MFSK-16/20Bd	(AB/RL-D)
XPA2	13394	14-7	2100	Tue	00395 00164 36510 ... 51562 29584 10607	MFSK-16/20Bd	(AB/RL/Dan)
XPA2	12194	14-7	2120	Tue	00395 00164 36510 ... 51562 29584 10607	MFSK-16/20Bd	(AB/RL)
XPA2	10794	14-7	2140	Tue	00395 00164 36510 ... 51562 29584 10607	MFSK-16/20Bd	(AB/RL)
XPA2	12148	15-7	0700	Wed	00206 00080 48083 ... 47603 80784 07041	MFSK-16/20bd	(AB)

XPA2	13448	15-7	0720	Wed	00206 00080 48083 ... 47603 80784 07041	MFSK-16/20bd	(AB)
XPA2	13948	15-7	0740	Wed	00206 00080 48083 ... 47603 80784 07041	MFSK-16/20bd	(AB)
XPA2	16296	15-7	0910	Wed	00175 00048 07202 ... 39142 80314 20726	MFSK-16/20bd	(AB)
XPA2	14981	15-7	0930	Wed	00175 00048 07202 ... 39142 80314 20726	MFSK-16/20bd	(AB)
XPA2	13953	15-7	0950	Wed	00175 00048 07202 ... 39142 80314 20726	MFSK-16/20bd	(AB)
XPA2	17435	15-7	1100	Wed	06639 00001 00000 40661	MFSK-16/20Bd	(AB)
XPA2	16235	15-7	1120	Wed	06639 00001 00000 40661	MFSK-16/20Bd	(AB)
XPA2	14935	15-7	1140	Wed	06639 00001 00000 40661	MFSK-16/20Bd	(AB)
XPA2	12124	15-7	2100	Wed	01294 00180 33656 ... 09066 00736 57414	MFSK-16/20Bd	(AB/RL)
XPA2	11124	15-7	2120	Wed	01294 00180 33656 ... 09066 00736 57414	MFSK-16/20Bd	(AB/RL/Dan)
XPA2	10624	15-7	2140	Wed	01294 00180 33656 ... 09066 00736 57414	MFSK-16/20Bd	(AB/RL)
XPA2	13445	16-7	0910	Thu	07865 00001 00000 37665	MFSK-16/20Bd	(AB)
XPA2	12145	16-7	0930	Thu	07865 00001 00000 37665	MFSK-16/20Bd	(AB)
XPA2	11545	16-7	0950	Thu	07865 00001 00000 37665	MFSK-16/20Bd	(AB)
XPA2	17435	16-7	1100	Thu	08310 00001 00000 32661	MFSK-16/20Bd	(AB/MPJ)
XPA2	16235	16-7	1120	Thu	08310 00001 00000 32661	MFSK-16/20Bd	(AB/MPJ)
XPA2	14935	16-7	1140	Thu	08310 00001 00000 32661	MFSK-16/20Bd	(AB/MPJ)
XPA2	13538	16-7	1600	Thu	00296 00253 00745 ... 24610 30727 44624	MFSK-16/20Bd	(AB)
XPA2	14438	16-7	1620	Thu	00296 00253 00745 ... 24610 30727 44624	MFSK-16/20Bd	(AB)
XPA2	14938	16-7	1640	Thu	00296 00253 00745 ... 24610 30727 44624	MFSK-16/20Bd	(AB)
XPA2	12124	17-7	2100	Fri	01294 00180 33656 ... 09066 00736 57414	MFSK-16/20Bd	(AB/Dan)
XPA2	11124	17-7	2120	Fri	01294 00180 33656 ... 09066 00736 57414	MFSK-16/20Bd	(AB/RL/Dan)
XPA2	10624	17-7	2140	Fri	01294 00180 33656 ... 09066 00736 57414	MFSK-16/20Bd	(AB/RL/Dan)
XPA2	13445	18-7	0910	Sat	07058 00001 00000 35264	MFSK-16/20Bd	(AB)
XPA2	12145	18-7	0930	Sat	07058 00001 00000 35264	MFSK-16/20Bd	(AB)
XPA2	11545	18-7	0950	Sat	07058 00001 00000 35264	MFSK-16/20Bd	(AB)
XPA2	13954	18-7	1500	Sat	01415 00001 00000 35652	MFSK-16/20Bd	(AB/MPJ/RL-D)
XPA2	12154	18-7	1520	Sat	01415 00001 00000 35652	MFSK-16/20Bd	(AB/MPJ)
XPA2	11454	18-7	1540	Sat	01415 00001 00000 35652	MFSK-16/20Bd	(AB/MPJ/RL-D)
XPA2	13394	19-7	2100	Sun	00395 00164 36510 ... 51562 29584 10607	MFSK-16/20Bd	(AB/Dan)
XPA2	12194	19-7	2120	Sun	00395 00164 36510 ... 51562 29584 10607	MFSK-16/20Bd	(AB/Dan)
XPA2	10794	19-7	2140	Sun	00395 00164 36510 ... 51562 29584 10607	MFSK-16/20Bd	(AB/Dan)
XPA2	12148	20-7	0700	Mon	00206 00080 48083 ... 47603 80784 07041	MFSK-16/20bd	(AB)
XPA2	13448	20-7	0720	Mon	00206 00080 48083 ... 47603 80784 07041	MFSK-16/20bd	(AB)
XPA2	13948	20-7	0740	Mon	00206 00080 48083 ... 47603 80784 07041	MFSK-16/20bd	(AB)
XPA2	16296	20-7	0910	Mon	06298 00024 60548 ... 08535 08787 66531	MFSK-16/20bd	(AB)
XPA2	14981	20-7	0930	Mon	06298 00024 60548 ... 08535 08787 66531	MFSK-16/20bd	(AB)
XPA2	13953	20-7	0950	Mon	06298 00024 60548 ... 08535 08787 66531	MFSK-16/20bd	(AB)
XPA2	13954	20-7	1500	Mon	00159 00281 57157 ... 75568 93691 04025	MFSK-16/20Bd	(AB/MPJ)
XPA2	12154	20-7	1520	Mon	00159 00281 57157 ... 75568 93691 04025	MFSK-16/20Bd	(AB/MPJ)

XPA2	11454	20-7	1540	Mon	00159 00281 57157 ... 75568 93691 04025	MFSK-16/20Bd	(AB/MPJ)
XPA2	13538	21-7	1600	Tue	04095 00001 00000 33665	MFSK-16/20Bd	(MPJ)
XPA2	14438	21-7	1620	Tue	04095 00001 00000 33665	MFSK-16/20Bd	(MPJ)
XPA2	14938	21-7	1640	Tue	04095 00001 00000 33665	MFSK-16/20Bd	(MPJ)
XPA2	13394	21-7	2100	Tue	05018 00102 41257 ... 99812 95390 37665	MFSK-16/20Bd	(AB/Dan/RL)
XPA2	12194	21-7	2120	Tue	05018 00102 41257 ... 99812 95390 37665	MFSK-16/20Bd	(AB/Dan/RL)
XPA2	10794	21-7	2140	Tue	05018 00102 41257 ... 99812 95390 37665	MFSK-16/20Bd	(AB/Dan)
XPA2	12148	22-7	0700	Wed	00206 00080 48083 ... 47603 80784 07041	MFSK-16/20bd	(AB)
XPA2	13448	22-7	0720	Wed	00206 00080 48083 ... 47603 80784 07041	MFSK-16/20bd	(AB)
XPA2	13948	22-7	0740	Wed	00206 00080 48083 ... 47603 80784 07041	MFSK-16/20bd	(AB)
XPA2	16296	22-7	0910	Wed	06298 00024 60548 ... 08535 08787 66531	MFSK-16/20bd	(AB)
XPA2	14981	22-7	0930	Wed	06298 00024 60548 ... 08535 08787 66531	MFSK-16/20bd	(AB)
XPA2	13953	22-7	0950	Wed	06298 00024 60548 ... 08535 08787 66531	MFSK-16/20bd	(AB)
XPA2	17435	22-7	1100	Wed	00348 00069 76374 ... 00710 77901 05615	MFSK-16/20Bd	(AB/MPJ)
XPA2	16235	22-7	1120	Wed	00348 00069 76374 ... 00710 77901 05615	MFSK-16/20Bd	(AB/MPJ)
XPA2	14935	22-7	1140	Wed	00348 00069 76374 ... 00710 77901 05615	MFSK-16/20Bd	(AB/MPJ)
XPA2	12124	22-7	2100	Wed	00140 00164 13618 ... 57849 94211 32444	MFSK-16/20Bd	(AB/RL/Dan)
XPA2	11124	22-7	2120	Wed	00140 00164 13618 ... 57849 94211 32444	MFSK-16/20Bd	(AB/RL/Dan)
XPA2	10624	22-7	2140	Wed	00140 00164 13618 ... 57849 94211 32444	MFSK-16/20Bd	(AB/RL/Dan)
XPA2	13445	23-7	0910	Thu	04619 00001 00000 30655	MFSK-16/20Bd	(AB)
XPA2	12145	23-7	0930	Thu	04619 00001 00000 30655	MFSK-16/20Bd	(AB)
XPA2	11545	23-7	0950	Thu	04619 00001 00000 30655	MFSK-16/20Bd	(AB)
XPA2	17435	23-7	1100	Thu	00348 00069 76374 ... 00710 77901 05615	MFSK-16/20Bd	(AB/MPJ)
XPA2	16235	23-7	1120	Thu	00348 00069 76374 ... 00710 77901 05615	MFSK-16/20Bd	(AB/MPJ)
XPA2	14935	23-7	1140	Thu	00348 00069 76374 ... 00710 77901 05615	MFSK-16/20Bd	(AB/MPJ)
XPA2	13538	23-7	1600	Thu	05624 00001 00000 36257	MFSK-16/20Bd	(AB)
XPA2	14438	23-7	1620	Thu	05624 00001 00000 36257	MFSK-16/20Bd	(AB)
XPA2	14938	23-7	1640	Thu	05624 00001 00000 36257	MFSK-16/20Bd	(AB)
XPA2	12124	24-7	2100	Fri	00140 00164 13618 ... 57849 94211 32444	MFSK-16/20Bd	(AB)
XPA2	11124	24-7	2120	Fri	00140 00164 13618 ... 57849 94211 32444	MFSK-16/20Bd	(AB)
XPA2	10624	24-7	2140	Fri	00140 00164 13618 ... 57849 94211 32444	MFSK-16/20Bd	(AB)
XPA2	13445	25-7	0910	Sat	01724 00001 00000 36653	MFSK-16/20Bd	(AB)
XPA2	12145	25-7	0930	Sat	01724 00001 00000 36653	MFSK-16/20Bd	(AB)
XPA2	11545	25-7	0950	Sat	01724 00001 00000 36653	MFSK-16/20Bd	(AB)
XPA2	13954	25-7	1500	Sat	00159 00281 57157 .. 75568 93691 04025	MFSK-16/20Bd	(AB/MPJ)
XPA2	12154	25-7	1520	Sat	00159 00281 57157 .. 75568 93691 04025	MFSK-16/20Bd	(AB/MPJ)
XPA2	11454	25-7	1540	Sat	00159 00281 57157 .. 75568 93691 04025	MFSK-16/20Bd	(AB/MPJ)
XPA2	13394	26-7	2100	Sun	05018 00102 41257 ... 99812 95390 37665	MFSK-16/20Bd	(AB/RL/Dan)
XPA2	12194	26-7	2120	Sun	05018 00102 41257 ... 99812 95390 37665	MFSK-16/20Bd	(AB/RL/Dan)
XPA2	10794	26-7	2140	Sun	05018 00102 41257 ... 99812 95390 37665	MFSK-16/20Bd	(AB/RL/Dan)

XPA2	12148	27-7	0700	Mon	06643 00001 00000 35662	MFSK-16/20bd	(AB)
XPA2	13448	27-7	0720	Mon	06643 00001 00000 35662	MFSK-16/20bd	(AB)
XPA2	13948	27-7	0740	Mon	06643 00001 00000 35662	MFSK-16/20bd	(AB)
XPA2	16296	27-7	0910	Mon	06298 00024 60548 ... 08535 08787 66531	MFSK-16/20bd	(AB)
XPA2	14981	27-7	0930	Mon	06298 00024 60548 ... 08535 08787 66531	MFSK-16/20bd	(AB)
XPA2	13953	27-7	0950	Mon	06298 00024 60548 ... 08535 08787 66531	MFSK-16/20bd	(AB)
XPA2	13954	27-7	1500	Mon	07541 00001 00000 34263	MFSK-16/20Bd	(AB/MPJ)
XPA2	12154	27-7	1520	Mon	07541 00001 00000 34263	MFSK-16/20Bd	(AB/MPJ)
XPA2	11454	27-7	1540	Mon	07541 00001 00000 34263	MFSK-16/20Bd	(AB/MPJ)
XPA2	13538	28-7	1600	Tue	00682 00302 74657 04046 28667 ... 40356 19138 27471 14780 22323	MFSK-16/20Bd	(MPJ)
XPA2	14438	28-7	1620	Tue	00682 00302 74657 04046 28667 ... 40356 19138 27471 14780 22323	MFSK-16/20Bd	(MPJ)
XPA2	14938	28-7	1640	Tue	00682 00302 74657 04046 28667 ... 40356 19138 27471 14780 22323	MFSK-16/20Bd	(MPJ)
XPA2	13394	28-7	2100	Tue	00271 00078 08013 ... 91934 15876 34251	MFSK-16/20Bd	(AB/Dan/RL)
XPA2	12194	28-7	2120	Tue	00271 00078 08013 ... 91934 15876 34251	MFSK-16/20Bd	(AB/Dan/RL)
XPA2	10794	28-7	2140	Tue	00271 00078 08013 ... 91934 15876 34251	MFSK-16/20Bd	(AB/Dan/RL)
XPA2	12148	29-7	0700	Wed	08076 00001 00000 34267	MFSK-16/20bd	(AB)
XPA2	13448	29-7	0720	Wed	08076 00001 00000 34267	MFSK-16/20bd	(AB)
XPA2	13948	29-7	0740	Wed	08076 00001 00000 34267	MFSK-16/20bd	(AB)
XPA2	16296	29-7	0910	Wed	06298 00024 60548 ... 08535 08787 66531	MFSK-16/20bd	(AB)
XPA2	14981	29-7	0930	Wed	06298 00024 60548 ... 08535 08787 66531	MFSK-16/20bd	(AB)
XPA2	13953	29-7	0950	Wed	06298 00024 60548 ... 08535 08787 66531	MFSK-16/20bd	(AB)
XPA2	17435	29-7	1100	Wed	00348 00069 76374 ... 00710 77901 05615	MFSK-16/20Bd	(AB)
XPA2	16235	29-7	1120	Wed	00348 00069 76374 ... 00710 77901 05615	MFSK-16/20Bd	(AB)
XPA2	14935	29-7	1140	Wed	00348 00069 76374 ... 00710 77901 05615	MFSK-16/20Bd	(AB)
XPA2	12124	29-7	2100	Wed	03559 00001 00000 40260	MFSK-16/20Bd	(AB/RL)
XPA2	11124	29-7	2120	Wed	03559 00001 00000 40260	MFSK-16/20Bd	(AB/RL)
XPA2	10624	29-7	2140	Wed	03559 00001 00000 40260	MFSK-16/20Bd	(AB/RL)
XPA2	13445	30-7	0910	Thu	00403 00068 19348 ... 85172 17651 77417	MFSK-16/20Bd	(AB)
XPA2	12145	30-7	0930	Thu	00403 00068 19348 ... 85172 17651 77417	MFSK-16/20Bd	(AB)
XPA2	11545	30-7	0950	Thu	00403 00068 19348 ... 85172 17651 77417	MFSK-16/20Bd	(AB)
XPA2	17435	30-7	1100	Thu	00348 00069 76374 ... 00710 77901 05615	MFSK-16/20Bd	(AB)
XPA2	16235	30-7	1120	Thu	00348 00069 76374 ... 00710 77901 05615	MFSK-16/20Bd	(AB)
XPA2	14935	30-7	1140	Thu	00348 00069 76374 ... 00710 77901 05615	MFSK-16/20Bd	(AB)
XPA2	13538	30-7	1600	Thu	00682 00302 74657 ... 27471 14780 22323	MFSK-16/20Bd	(AB/GHn/MPJ)
XPA2	14438	30-7	1620	Thu	00682 00302 74657 ... 27471 14780 22323	MFSK-16/20Bd	(AB/MPJ)
XPA2	14938	30-7	1640	Thu	00682 00302 74657 ... 27471 14780 22323	MFSK-16/20Bd	(AB/MPJ)
XPA2	12124	31-7	2100	Fri	02419 00001 00000 37653	MFSK-16/20Bd	(AB/RL)
XPA2	11124	31-7	2120	Fri	02419 00001 00000 37653	MFSK-16/20Bd	(AB/RL)
XPA2	10624	31-7	2140	Fri	02419 00001 00000 37653	MFSK-16/20Bd	(AB/Dan)
XPB1	15876	4-7	1200	Sat	Russian intel.	MFSK-16	(AB)

XPB1	14876	4-7	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14376	4-7	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13976	4-7	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13376	4-7	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12176	4-7	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14644	5-7	1900	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13444	5-7	1910	Sun	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	12144	5-7	1920	Sun	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	11044	5-7	1930	Sun	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	10344	5-7	1940	Sun	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	9244	5-7	1950	Sun	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	11168	6-7	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11468	6-7	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12168	6-7	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13368	6-7	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13969	6-7	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14569	6-7	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15876	6-7	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14876	6-7	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14376	6-7	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13976	6-7	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13376	6-7	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12176	6-7	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11168	7-7	0500	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	11468	7-7	0510	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12168	7-7	0520	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13368	7-7	0530	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13969	7-7	0540	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14569	7-7	0550	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14644	7-7	1900	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	13444	7-7	1910	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	12144	7-7	1920	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	11044	7-7	1930	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	10344	7-7	1940	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	9244	7-7	1950	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	15876	11-7	1200	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	14876	11-7	1210	Sat	FSK 200/500	MFSK-16	(HFD)
XPB1	14876	11-7	1210	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	14376	11-7	1220	Sat	FSK 200/500	MFSK-16	(HFD)
XPB1	14376	11-7	1220	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)

XPB1	13976	11-7	1230	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	13376	11-7	1240	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	12176	11-7	1250	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	14644	12-7	1900	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	13444	12-7	1910	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	12144	12-7	1920	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	11044	12-7	1930	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	10344	12-7	1940	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	9244	12-7	1950	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	11168	13-7	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11468	13-7	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12168	13-7	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13368	13-7	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13969	13-7	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14569	13-7	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14569	13-7	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15876	13-7	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14876	13-7	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14376	13-7	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13976	13-7	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13376	13-7	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12176	13-7	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11168	14-7	0500	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11468	14-7	0510	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12168	14-7	0520	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13368	14-7	0530	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13969	14-7	0540	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14644	14-7	1900	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	13444	14-7	1910	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	12144	14-7	1920	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	11044	14-7	1930	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	10344	14-7	1940	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	9244	14-7	1950	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	15876	18-7	1200	Sat	Russian intel.	MFSK-16	(AB)
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XPB1	12176	18-7	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14644	19-7	1900	Sun	Russian intel.	MFSK-16	(AB)

XPB1	13444	19-7	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	12144	19-7	1920	Sun	Russian intel.	MFSK-16	(AB)
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XPB1	9244	19-7	1950	Sun	Russian intel.	MFSK-16	(AB)
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XPB1	11468	20-7	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12168	20-7	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13368	20-7	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13969	20-7	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14569	20-7	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15876	20-7	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14876	20-7	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14376	20-7	1220	Mon	Russian intel.	MFSK-16	(AB)
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XPB1	13376	20-7	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12176	20-7	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11168	21-7	0500	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11468	21-7	0510	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12168	21-7	0520	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13368	21-7	0530	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13969	21-7	0540	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14569	21-7	0550	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14644	21-7	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13444	21-7	1910	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	12144	21-7	1920	Tue	Russian intel.	MFSK-16	(AB/RL)
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XPB1	10344	21-7	1940	Tue	Russian intel.	MFSK-16	(AB/RL)
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XPB1	15876	25-7	1200	Sat	Russian intel.	MFSK-16	(AB/MPJ)
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XPB1	14376	25-7	1220	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13976	25-7	1230	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13376	25-7	1240	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	12176	25-7	1250	Sat	Russian intel.	MFSK-16	(AB/MPJ)
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XPB1	13444	26-7	1910	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	12144	26-7	1920	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	11044	26-7	1930	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	10344	26-7	1940	Sun	Russian intel.	MFSK-16	(AB/RL)

XPB1	9244	26-7	1950	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	11168	27-7	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11468	27-7	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12168	27-7	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13368	27-7	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13969	27-7	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14569	27-7	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15876	27-7	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14876	27-7	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14376	27-7	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13976	27-7	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13376	27-7	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12176	27-7	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14644	28-7	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13444	28-7	1910	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	12144	28-7	1920	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	11044	28-7	1930	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	10344	28-7	1940	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	9244	28-7	1950	Tue	Russian intel.	MFSK-16	(AB/RL)
XSL	8588	23-7	0558	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	8313	23-7	0558	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6445	23-7	0558	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6417	23-7	0558	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6250	23-7	0558	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	4291	23-7	0558	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	4231.5	23-7	0558	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	4153	23-7	0558	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)

CONTRIBUTORS

AB	Ary Boender, Netherlands
AB-FIN	Ary Boender via remote rx Finland
AB-GRC	Ary Boender via remote rx Greece
AB-HNG	Ary Boender via remote rx Hungary
AB-J	Ary Boender via remote rx Japan
AB-KOR	Ary Boender via remote rx South Korea
AB-KWT	Ary Boender via remote rx Kuwait
AB-POL	Ary Boender via remote rx Poland
AB-ROU	Ary Boender via remote rx Romania
AB-RUS	Ary Boender via remote rx Russia
AB-VTN	Ary Boender via remote rx Vietnam
AnEur	Anonymous Europe
Dan	Daniel LU5EMM, Argentina
Danix	Danix, Poland
Danix-B	Danix via remote rx Brazil
Danix-HKG	Danix via remote rx Hong Kong
Danix-KOR	Danix via remote rx S. Korea
Danix-RUS	Danix via remote rx Russia
Dan-J	Daniel LU5EMM via remote rx Japan
DMS	Dave moonlight0551, Sydney, Australia
F5JBR	F5JBR André, France
F5JBR-HNG	F5JBR via remote rx Hungary
F5JBR-ROU	F5JBR via remote rx Romania
F5JBR-UKR	F5JBR via remote rx Ukraine
GR	Gary Russell, USA
Gwr	Gwraspe (via Priyom)
HFD	Hans-Friedrich Dumrese, Germany
HFD-J	Hans-Friedrich Dumrese via remote rx Japan
HFD-RUS	Hans-Friedrich Dumrese via remote rx Russia
HK	Hiroyuki Komatsubara, Japan
JPL	JPL, NB, Canada (and various remote rx)
JPL-CHN	JPL via remote rx China
MPJ	Jim, SW England
MPJ-CZE	Jim via remote rx Czech Rep.
MPJ-HNG	Jim via remote rx Hungary
MPJ-HOL	Jim via remote rx Netherlands
MPJ-POL	Jim via remote rx Poland
RL	Roberto Landolpho, Brazil
RL-D	Roberto Landolpho via remote rx Germany
RL-G	Roberto Landolpho via remote rx UK
RL-HOL	Landolpho via remote rx Netherlands
SP1	Sylvain, France
W9SPY	Curt

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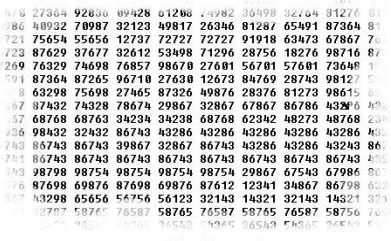
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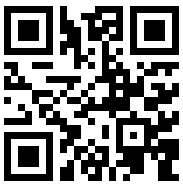
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